WiBit.Net™

Introduction to ASCII

What is ASCII

- American Standard Code for Information Interchange
- An ordering scheme that organizes characters into a numerical arrangement
- Standard ASCII
  - Values 0 – 127
- Extended ASCII
  - Values 128 - 255

Dec	Hx	Oct	Char			Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)		32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH	(start of heading)		33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX	(start of text)		34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX	(end of text)		35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT	(end of transmission)		36	24	044	$	$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ	(enquiry)		37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK	(acknowledge)		38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL	(bell)		39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS	(backspace)		40	28	050	(	(	72	48	110	H	H	104	68	150	h	h
9	9	011	TAB	(horizontal tab)		41	29	051	)	)	73	49	111	I	I	105	69	151	i	i
10	A	012	LF	(NL line feed, new line)		42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT	(vertical tab)		43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)		44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR	(carriage return)		45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO	(shift out)		46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI	(shift in)		47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE	(data link escape)		48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1	(device control 1)		49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2	(device control 2)		50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3	(device control 3)		51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4	(device control 4)		52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK	(negative acknowledge)		53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN	(synchronous idle)		54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB	(end of trans. block)		55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN	(cancel)		56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM	(end of medium)		57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB	(substitute)		58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC	(escape)		59	3B	073	;	;	91	5B	133	[	[	123	7B	173	{	{
28	1C	034	FS	(file separator)		60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|		
29	1D	035	GS	(group separator)		61	3D	075	=	=	93	5D	135	]	]	125	7D	175	}	}
30	1E	036	RS	(record separator)		62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US	(unit separator)		63	3F	077	?	?	95	5F	137	_	_	127	7F	177	&#127;	DEL

Dec	Hx	Oct	Char		Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)	32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH	(start of heading)	33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX	(start of text)	34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX	(end of text)	35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT	(end of transmission)	36	24	044	$	$	68	44	10	D	D	100	64	144	d	d
5	5	005	ENQ	(enquiry)	37	25	045	%	%	69	45	10	E	E	101	65	145	e	e
6	6	006	ACK	(acknowledge)	38	26	046	&	&	70	46	1	&#7	F	102	66	146	f	f
7	7	007	BEL	(bell)	39	27	047	'	'	71					103	67	147	g	g
8	8	010	BS	(backspace)	40	28	050	(	(	72					104	68	150	h	h
9	9	011	TAB	(horizontal tab)	41	29	051	)	)						105	69	151	i	i
10	A	012	LF	(NL line feed, new line)	42	2A	052	*	*						106	6A	152	j	j
11	B	013	VT	(vertical tab)	43	2B	053	+	+					K	107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)	44	2C	054	,	,						108	6C	154	l	l
13	D	015	CR	(carriage return)	45	2D	055	-	-				7;	M	109	6D	155	m	m
14	E	016	SO	(shift out)	46	2E	056	.	.	78			8;	N	110	6E	156	n	n
15	F	017	SI	(shift in)	47	2F	057	/	/	79	4F	7	O	O	111	6F	157	o	o
16	10	020	DLE	(data link escape)	48	30	060	0	0	80	50	1 0	P	P	112	70	160	p	p
17	11	021	DC1	(device control 1)	49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2	(device control 2)	50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3	(device control 3)	51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4	(device control 4)	52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK	(negative acknowledge)	53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN	(synchronous idle)	54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB	(end of trans. block)	55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN	(cancel)	56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM	(end of medium)	57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB	(substitute)	58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC	(escape)	59	3B	073	;	;	91	5B	133	[	[	123	7B	173	{	{
28	1C	034	FS	(file separator)	60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|		
29	1D	035	GS	(group separator)	61	3D	075	=	=	93	5D	135	]	]	125	7D	175	}	}
30	1E	036	RS	(record separator)	62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US	(unit separator)	63	3F	077	?	?	95	5F	137	_	_	127	7F	177	&#127;	DEL

Special Characters

Source: www.LookupTables.com

Standard ASCII Chart

Dec	Hx	Oct	Char	
0	0	000	NUL	(null)
1	1	001	SOH	(start of heading)
2	2	002	STX	(start of text)
3	3	003	ETX	(end of text)
4	4	004	EOT	(end of transmission)
5	5	005	ENQ	(enquiry)
6	6	006	ACK	(acknowledge)
7	7	007	BEL	(bell)
8	8	010	BS	(backspace)
9	9	011	TAB	(horizontal tab)
10	A	012	LF	(NL line feed, new line)
11	B	013	VT	(vertical tab)
12	C	014	FF	(NP form feed, new page)
13	D	015	CR	(carriage return)
14	E	016	SO	(shift out)
15	F	017	SI	(shift in)
16	10	020	DLE	(data link escape)
17	11	021	DC1	(device control 1)
18	12	022	DC2	(device control 2)
19	13	023	DC3	(device control 3)
20	14	024	DC4	(device control 4)
21	15	025	NAK	(negative acknowledge)
22	16	026	SYN	(synchronous idle)
23	17	027	ETB	(end of trans. block)
24	18	030	CAN	(cancel)
25	19	031	EM	(end of medium)
26	1A	032	SUB	(substitute)
27	1B	033	ESC	(escape)
28	1C	034	FS	(file separator)
29	1D	035	GS	(group separator)
30	1E	036	RS	(record separator)
31	1F	037	US	(unit separator)

Dec	Hx	Oct	Html	Chr
32	20	040	 	Space
54	36	066	6	6
55	37	067	7	7
56	38	070	8	8
57	39	071	9	9
58	3A	072	:	:
59	3B	073	;	;
60	3C	074	<	<
61	3D	075	=	=
62	3E	076	>	>
63	3F	077	?	?

Dec	Hx	Oct	Html	Chr
64	40	100	@	@
86	56	126	V	v
87	57	127	W	W
88	58	130	X	X
89	59	131	Y	Y
90	5A	132	Z	Z
91	5B	133	[	[
92	5C	134	\	\
93	5D	135	]	]
94	5E	136	^	^
95	5F	137	_	_

Dec	Hx	Oct	Html	Chr
96	60	140	`	`
97	61	141	a	a
98	62	142	b	b
99	63	143	c	c
100	64	144	d	d
101	65	145	e	e
102	66	146	f	f
103	67	147	g	g
104	68	150	h	h
105	69	151	i	i
106	6A	152	j	j
107	6B	153	k	k
108	6C	154	l	l
109	6D	155	m	m
110	6E	156	n	n
111	6F	157	o	o
112	70	160	p	p
113	71	161	q	q
114	72	162	r	r
115	73	163	s	s
116	74	164	t	t
117	75	165	u	u
118	76	166	v	v
119	77	167	w	w
120	78	170	x	x
121	79	171	y	y
122	7A	172	z	z
123	7B	173	{	{
124	7C	174	|		
125	7D	175	}	}
126	7E	176	~	~
127	7F	177	&#127;	DEL

Special Character	ASCII Value	Decimal Value
\r	Carriage Return	13
\n	New line Feed	10
\t	Horizontal Tab	9
\a	Bell	7
\f	New Page Form feed	12
\v	Vertical tab	11
\b	Backspace	8
\0	NULL	0

Source: www.LookupTables.com

Standard ASCII Chart

Dec	Hx	Oct	Char	
0	0	000	NUL	(null)
1	1	001	SOH	(start of heading)
2	2	002	STX	(start of text)
3	3	003	ETX	(end of text)
4	4	004	EOT	(end of transmission)
5	5	005	ENQ	(enquiry)
6	6	006	ACK	(acknowledge)
7	7	007	BEL	(bell)
8	8	010	BS	(backspace)
9	9	011	TAB	(horizontal tab)
10	A	012	LF	(NL line feed, new line)
11	B	013	VT	(vertical tab)
12	C	014	FF	(NP form feed, new page)
13	D	015	CR	(carriage return)
14	E	016	SO	(shift out)
15	F	017	SI	(shift in)
16	10	020	DLE	(data link escape)
17	11	021	DC1	(device control 1)
18	12	022	DC2	(device control 2)
19	13	023	DC3	(device control 3)
20	14	024	DC4	(device control 4)
21	15	025	NAK	(negative acknowledge)
22	16	026	SYN	(synchronous idle)
23	17	027	ETB	(end of trans. block)
24	18	030	CAN	(cancel)
25	19	031	EM	(end of medium)
26	1A	032	SUB	(substitute)
27	1B	033	ESC	(escape)
28	1C	034	FS	(file separator)
29	1D	035	GS	(group separator)
30	1E	036	RS	(record separator)
31	1F	037	US	(unit separator)

Dec	Hx	Oct	Html	Chr
32	20	040	 	Space
33	21	041	!	!
34	22	042	"	"
35	23	043	#	#
36	24	044	$	$
37	25	045	%	%
38	26	046	&	&
39	27	047	'	'
40	28	050	(	(
41	29	051	)	)
42	2A	052	*	*
43	2B	053	+	+
44	2C	054	,	,
45	2D	055	-	-
46	2E	056	.	.
47	2F	057	/	/
48	30	060	0	0
49	31	061	1	1
50	32	062	2	2
51	33	063	3	3
52	34	064	4	4
53	35	065	5	5
54	36	066	6	6
55	37	067	7	7
56	38	070	8	8
57	39	071	9	9
58	3A	072	:	:
59	3B	073	;	;
60	3C	074	<	<
61	3D	075	=	=
62	3E	076	>	>
63	3F	077	?	?

Dec	Hx	Oct	Html	Chr
64	40	100	@	@
65	41	101	A	A
66	42	102	B	B
67	43	103	C	C
68	44	104	D	D
69	45	105	E	E
70	46	106	F	F
71	47	107	G	G
72	48	110	H	H
73	49	111	I	I
74	4A	112	J	J
75	4B	113	K	K
76	4C	114	L	L
77	4D	115	M	M
78	4E	116	N	N
79	4F	117	O	O
80	50	120	P	P
81	51	121	Q	Q
82	52	122	R	R
83	53	123	S	S
84	54	124	T	T
85	55	125	U	U
86	56	126	V	V
87	57	127	W	W
88	58	130	X	X
89	59	131	Y	Y
90	5A	132	Z	Z
91	5B	133	[	[
92	5C	134	\	\
93	5D	135	]	]
94	5E	136	^	^
95	5F	137	_	_

Dec	Hx	Oct	Html	Chr
96	60	140	`	`
97	61	141	a	a
98	62	142	b	b
99	63	143	c	c
100	64	144	d	d
101	65	145	e	e
102	66	146	f	f
103	67	147	g	g
104	68	150	h	h
105	69	151	i	i
106	6A	152	j	j
107	6B	153	k	k
108	6C	154	l	l
109	6D	155	m	m
110	6E	156	n	n
111	6F	157	o	o
112	70	160	p	p
113	71	161	q	q
114	72	162	r	r
115	73	163	s	s
116	74	164	t	t
117	75	165	u	u
118	76	166	v	v
119	77	167	w	w
120	78	170	x	x
121	79	171	y	y
122	7A	172	z	z
123	7B	173	{	{
124	7C	174	|		
125	7D	175	}	}
126	7E	176	~	~
127	7F	177	&#127;	DEL

Numerical Values

Source: www.LookupTables.com

Standard ASCII Chart

Dec	Hx	Oct	Char		Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)	32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH	(start of heading)	33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX	(start of text)	34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX	(end of text)	35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT	(end of transmission)	36	24	044	$	$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ	(enquiry)	37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK	(acknowledge)	38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL	(bell)	39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS	(backspace)	40	28	050	(	(	72	48	110	H	H	104	68	150	h	h
9	9	011	TAB	(horizontal tab)	41	29	051	)	)	73	49	111	I	I	105	69	151	i	i
10	A	012	LF	(NL line feed, new line)	42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT	(vertical tab)	43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)	44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR	(carriage return)	45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO	(shift out)	46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI	(shift in)	47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE	(data link escape)	48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1	(device control 1)	49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2	(device control 2)	50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3	(device control 3)	51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4	(device control 4)	52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK	(negative acknowledge)	53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN	(synchronous idle)	54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB	(end of trans. block)	55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN	(cancel)	56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM	(end of medium)	57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB	(substitute)	58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC	(escape)	59	3B	073	;	;	91	5B	133	[	[	123	7B	173	{	{
28	1C	034	FS	(file separator)	60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|		
29	1D	035	GS	(group separator)	61	3D	075	=	=	93	5D	135	]	]	125	7D	175	}	}
30	1E	036	RS	(record separator)	62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US	(unit separator)	63	3F	077	?	?	95	5F	137	_	_	127	7F	177	&#127;	DEL

Capital Letters

Source: www.LookupTables.com

Standard ASCII Chart

Dec	Hx	Oct	Char			Dec	Hx	Oct	Html	Chr		Dec	Hx	Oct	Html	Chr		Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)		32	20	040	 	Space		64	40	100	@	@		96	60	140	`	`
1	1	001	SOH	(start of heading)		33	21	041	!	!		65	41	101	A	A		97	61	141	a	a
2	2	002	STX	(start of text)		34	22	042	"	"		66	42	102	B	B		98	62	142	b	b
3	3	003	ETX	(end of text)		35	23	043	#	#		67	43	103	C	C		99	63	143	c	c
4	4	004	EOT	(end of transmission)		36	24	044	$	$		68	44	104	D	D		100	64	144	d	d
5	5	005	ENQ	(enquiry)		37	25	045	%	%		69	45	105	E	E		101	65	145	e	e
6	6	006	ACK	(acknowledge)		38	26	046	&	&		70	46	106	F	F		102	66	146	f	f
7	7	007	BEL	(bell)		39	27	047	'	'		71	47	107	G	G		103	67	147	g	g
8	8	010	BS	(backspace)		40	28	050	(	(		72	48	110	H	H		104	68	150	h	h
9	9	011	TAB	(horizontal tab)		41	29	051	)	)		73	49	111	I	I		105	69	151	i	i
10	A	012	LF	(NL line feed, new line)		42	2A	052	*	*		74	4A	112	J	J		106	6A	152	j	j
11	B	013	VT	(vertical tab)		43	2B	053	+	+		75	4B	113	K	K		107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)		44	2C	054	,	,		76	4C	114	L	L		108	6C	154	l	l
13	D	015	CR	(carriage return)		45	2D	055	-	-		77	4D	115	M	M		109	6D	155	m	m
14	E	016	SO	(shift out)		46	2E	056	.	.		78	4E	116	N	N		110	6E	156	n	n
15	F	017	SI	(shift in)		47	2F	057	/	/		79	4F	117	O	O		111	6F	157	o	o
16	10	020	DLE	(data link escape)		48	30	060	0	0		80	50	120	P	P		112	70	160	p	p
17	11	021	DC1	(device control 1)		49	31	061	1	1		81	51	121	Q	Q		113	71	161	q	q
18	12	022	DC2	(device control 2)		50	32	062	2	2		82	52	122	R	R		114	72	162	r	r
19	13	023	DC3	(device control 3)		51	33	063	3	3		83	53	123	S	S		115	73	163	s	s
20	14	024	DC4	(device control 4)		52	34	064	4	4		84	54	124	T	T		116	74	164	t	t
21	15	025	NAK	(negative acknowledge)		53	35	065	5	5		85	55	125	U	U		117	75	165	u	u
22	16	026	SYN	(synchronous idle)		54	36	066	6	6		86	56	126	V	V		118	76	166	v	v
23	17	027	ETB	(end of trans. block)		55	37	067	7	7		87	57	127	W	W		119	77	167	w	w
24	18	030	CAN	(cancel)		56	38	070	8	8		88	58	130	X	X		120	78	170	x	x
25	19	031	EM	(end of medium)		57	39	071	9	9		89	59	131	Y	Y		121	79	171	y	y
26	1A	032	SUB	(substitute)		58	3A	072	:	:		90	5A	132	Z	Z		122	7A	172	z	z
27	1B	033	ESC	(escape)		59	3B	073	;	;		91	5B	133	[	[		123	7B	173	{	{
28	1C	034	FS	(file separator)		60	3C	074	<	<		92	5C	134	\	\		124	7C	174	|		
29	1D	035	GS	(group separator)		61	3D	075	=	=		93	5D	135	]	]		125	7D	175	}	}
30	1E	036	RS	(record separator)		62	3E	076	>	>		94	5E	136	^	^		126	7E	176	~	~
31	1F	037	US	(unit separator)		63	3F	077	?	?		95	5F	137	_	_		127	7F	177	&#127;	DEL

Lower case Letters

Source: www.LookupTables.com

Standard ASCII Chart

Dec	Hx	Oct	Char		Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)	32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH	(start of heading)	33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX	(start of text)	34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX	(end of text)	35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT	(end of transmission)	36	24	044	$	$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ	(enquiry)	37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK	(acknowledge)	38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL	(bell)	39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS	(backspace)	40	28	050	(	(	72	48	110	H	H	104	68	150	h	h
9	9	011	TAB	(horizontal tab)	41	29	051	)	)	73	49	111	I	I	105	69	151	i	i
10	A	012	LF	(NL line feed, new line)	42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT	(vertical tab)	43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)	44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR	(carriage return)	45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO	(shift out)	46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI	(shift in)	47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE	(data link escape)	48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1	(device control 1)	49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2	(device control 2)	50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3	(device control 3)	51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4	(device control 4)	52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK	(negative acknowledge)	53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN	(synchronous idle)	54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB	(end of trans. block)	55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN	(cancel)	56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM	(end of medium)	57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB	(substitute)	58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC	(escape)	59	3B	073	;	;	91	5B	133	[	[	123	7B	173	{	{
28	1C	034	FS	(file separator)	60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|		
29	1D	035	GS	(group separator)	61	3D	075	=	=	93	5D	135	]	]	125	7D	175	}	}
30	1E	036	RS	(record separator)	62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US	(unit separator)	63	3F	077	?	?	95	5F	137	_	_	127	7F	177	&#127;	DEL

Character	ASCII Decimal
W	87

Standard ASCII Chart

Dec	Hx	Oct	Char		Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)	32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH	(start of heading)	33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX	(start of text)	34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX	(end of text)	35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT	(end of transmission)	36	24	044	$	$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ	(enquiry)	37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK	(acknowledge)	38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL	(bell)	39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS	(backspace)	40	28	050	(	(	72	48	110	H	H	104	68	150	h	h
9	9	011	TAB	(horizontal tab)	41	29	051	)	)	73	49	111	I	I	105	69	151	i	i
10	A	012	LF	(NL line feed, new line)	42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT	(vertical tab)	43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)	44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR	(carriage return)	45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO	(shift out)	46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI	(shift in)	47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE	(data link escape)	48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1	(device control 1)	49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2	(device control 2)	50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3	(device control 3)	51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4	(device control 4)	52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK	(negative acknowledge)	53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN	(synchronous idle)	54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB	(end of trans. block)	55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN	(cancel)	56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM	(end of medium)	57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB	(substitute)	58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC	(escape)	59	3B	073	;	;	91	5B	133	[	[	123	7B	173	{	{
28	1C	034	FS	(file separator)	60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|		
29	1D	035	GS	(group separator)	61	3D	075	=	=	93	5D	135	]	]	125	7D	175	}	}
30	1E	036	RS	(record separator)	62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US	(unit separator)	63	3F	077	?	?	95	5F	137	_	_	127	7F	177	&#127;	DEL

Source: www.LookupTables.com

Character	ASCII Decimal
W	87
i	105

Standard ASCII Chart

Dec	Hx	Oct	Char			Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)		32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH	(start of heading)		33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX	(start of text)		34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX	(end of text)		35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT	(end of transmission)		36	24	044	$	$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ	(enquiry)		37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK	(acknowledge)		38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL	(bell)		39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS	(backspace)		40	28	050	(	(	72	48	110	H	H	104	68	150	h	h
9	9	011	TAB	(horizontal tab)		41	29	051	)	)	73	49	111	I	I	105	69	151	i	i
10	A	012	LF	(NL line feed, new line)		42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT	(vertical tab)		43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)		44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR	(carriage return)		45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO	(shift out)		46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI	(shift in)		47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE	(data link escape)		48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1	(device control 1)		49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2	(device control 2)		50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3	(device control 3)		51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4	(device control 4)		52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK	(negative acknowledge)		53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN	(synchronous idle)		54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB	(end of trans. block)		55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN	(cancel)		56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM	(end of medium)		57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB	(substitute)		58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC	(escape)		59	3B	073	;	;	91	5B	133	[	[	123	7B	173	{	{
28	1C	034	FS	(file separator)		60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|		
29	1D	035	GS	(group separator)		61	3D	075	=	=	93	5D	135	]	]	125	7D	175	}	}
30	1E	036	RS	(record separator)		62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US	(unit separator)		63	3F	077	?	?	95	5F	137	_	_	127	7F	177	&#127;	DEL

Source: www.LookupTables.com

Character	ASCII Decimal
W	87
i	105
B	66

Standard ASCII Chart

Dec	Hx	Oct	Char			Dec	Hx	Oct	Html	Chr		Dec	Hx	Oct	Html	Chr		Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)		32	20	040	 	Space		64	40	100	@	@		96	60	140	`	`
1	1	001	SOH	(start of heading)		33	21	041	!	!		65	41	101	A	A		97	61	141	a	a
2	2	002	STX	(start of text)		34	22	042	"	"		66	42	102	B	B		98	62	142	b	b
3	3	003	ETX	(end of text)		35	23	043	#	#		67	43	103	C	C		99	63	143	c	c
4	4	004	EOT	(end of transmission)		36	24	044	$	$		68	44	104	D	D		100	64	144	d	d
5	5	005	ENQ	(enquiry)		37	25	045	%	%		69	45	105	E	E		101	65	145	e	e
6	6	006	ACK	(acknowledge)		38	26	046	&	&		70	46	106	F	F		102	66	146	f	f
7	7	007	BEL	(bell)		39	27	047	'	'		71	47	107	G	G		103	67	147	g	g
8	8	010	BS	(backspace)		40	28	050	(	(		72	48	110	H	H		104	68	150	h	h
9	9	011	TAB	(horizontal tab)		41	29	051	)	)		73	49	111	I	I		105	69	151	i	i
10	A	012	LF	(NL line feed, new line)		42	2A	052	*	*		74	4A	112	J	J		106	6A	152	j	j
11	B	013	VT	(vertical tab)		43	2B	053	+	+		75	4B	113	K	K		107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)		44	2C	054	,	,		76	4C	114	L	L		108	6C	154	l	l
13	D	015	CR	(carriage return)		45	2D	055	-	-		77	4D	115	M	M		109	6D	155	m	m
14	E	016	SO	(shift out)		46	2E	056	.	.		78	4E	116	N	N		110	6E	156	n	n
15	F	017	SI	(shift in)		47	2F	057	/	/		79	4F	117	O	O		111	6F	157	o	o
16	10	020	DLE	(data link escape)		48	30	060	0	0		80	50	120	P	P		112	70	160	p	p
17	11	021	DC1	(device control 1)		49	31	061	1	1		81	51	121	Q	Q		113	71	161	q	q
18	12	022	DC2	(device control 2)		50	32	062	2	2		82	52	122	R	R		114	72	162	r	r
19	13	023	DC3	(device control 3)		51	33	063	3	3		83	53	123	S	S		115	73	163	s	s
20	14	024	DC4	(device control 4)		52	34	064	4	4		84	54	124	T	T		116	74	164	t	t
21	15	025	NAK	(negative acknowledge)		53	35	065	5	5		85	55	125	U	U		117	75	165	u	u
22	16	026	SYN	(synchronous idle)		54	36	066	6	6		86	56	126	V	V		118	76	166	v	v
23	17	027	ETB	(end of trans. block)		55	37	067	7	7		87	57	127	W	W		119	77	167	w	w
24	18	030	CAN	(cancel)		56	38	070	8	8		88	58	130	X	X		120	78	170	x	x
25	19	031	EM	(end of medium)		57	39	071	9	9		89	59	131	Y	Y		121	79	171	y	y
26	1A	032	SUB	(substitute)		58	3A	072	:	:		90	5A	132	Z	Z		122	7A	172	z	z
27	1B	033	ESC	(escape)		59	3B	073	;	;		91	5B	133	[	[		123	7B	173	{	{
28	1C	034	FS	(file separator)		60	3C	074	<	<		92	5C	134	\	\		124	7C	174	|		
29	1D	035	GS	(group separator)		61	3D	075	=	=		93	5D	135	]	]		125	7D	175	}	}
30	1E	036	RS	(record separator)		62	3E	076	>	>		94	5E	136	^	^		126	7E	176	~	~
31	1F	037	US	(unit separator)		63	3F	077	?	?		95	5F	137	_	_		127	7F	177	&#127;	DEL

Source: www.LookupTables.com

Character	ASCII Decimal
W	87
i	105
B	66
i	105

Standard ASCII Chart

Dec	Hx	Oct	Char	
0	0	000	NUL	(null)
1	1	001	SOH	(start of heading)
2	2	002	STX	(start of text)
3	3	003	ETX	(end of text)
4	4	004	EOT	(end of transmission)
5	5	005	ENQ	(enquiry)
6	6	006	ACK	(acknowledge)
7	7	007	BEL	(bell)
8	8	010	BS	(backspace)
9	9	011	TAB	(horizontal tab)
10	A	012	LF	(NL line feed, new line)
11	B	013	VT	(vertical tab)
12	C	014	FF	(NP form feed, new page)
13	D	015	CR	(carriage return)
14	E	016	SO	(shift out)
15	F	017	SI	(shift in)
16	10	020	DLE	(data link escape)
17	11	021	DC1	(device control 1)
18	12	022	DC2	(device control 2)
19	13	023	DC3	(device control 3)
20	14	024	DC4	(device control 4)
21	15	025	NAK	(negative acknowledge)
22	16	026	SYN	(synchronous idle)
23	17	027	ETB	(end of trans. block)
24	18	030	CAN	(cancel)
25	19	031	EM	(end of medium)
26	1A	032	SUB	(substitute)
27	1B	033	ESC	(escape)
28	1C	034	FS	(file separator)
29	1D	035	GS	(group separator)
30	1E	036	RS	(record separator)
31	1F	037	US	(unit separator)

Dec	Hx	Oct	Html	Chr
32	20	040	 	Space
33	21	041	!	!
34	22	042	"	"
35	23	043	#	#
36	24	044	$	$
37	25	045	%	%
38	26	046	&	&
39	27	047	'	'
40	28	050	(	(
41	29	051	)	)
42	2A	052	*	*
43	2B	053	+	+
44	2C	054	,	,
45	2D	055	-	-
46	2E	056	.	.
47	2F	057	/	/
48	30	060	0	0
49	31	061	1	1
50	32	062	2	2
51	33	063	3	3
52	34	064	4	4
53	35	065	5	5
54	36	066	6	6
55	37	067	7	7
56	38	070	8	8
57	39	071	9	9
58	3A	072	:	:
59	3B	073	;	;
60	3C	074	<	<
61	3D	075	=	=
62	3E	076	>	>
63	3F	077	?	?

Dec	Hx	Oct	Html	Chr
64	40	100	@	@
65	41	101	A	A
66	42	102	B	B
67	43	103	C	C
68	44	104	D	D
69	45	105	E	E
70	46	106	F	F
71	47	107	G	G
72	48	110	H	H
73	49	111	I	I
74	4A	112	J	J
75	4B	113	K	K
76	4C	114	L	L
77	4D	115	M	M
78	4E	116	N	N
79	4F	117	O	O
80	50	120	P	P
81	51	121	Q	Q
82	52	122	R	R
83	53	123	S	S
84	54	124	T	T
85	55	125	U	U
86	56	126	V	V
87	57	127	W	W
88	58	130	X	X
89	59	131	Y	Y
90	5A	132	Z	Z
91	5B	133	[	[
92	5C	134	\	\
93	5D	135	]	]
94	5E	136	^	^
95	5F	137	_	_

Dec	Hx	Oct	Html	Chr
96	60	140	`	`
97	61	141	a	a
98	62	142	b	b
99	63	143	c	c
100	64	144	d	d
101	65	145	e	e
102	66	146	f	f
103	67	147	g	g
104	68	150	h	h
105	69	151	i	i
106	6A	152	j	j
107	6B	153	k	k
108	6C	154	l	l
109	6D	155	m	m
110	6E	156	n	n
111	6F	157	o	o
112	70	160	p	p
113	71	161	q	q
114	72	162	r	r
115	73	163	s	s
116	74	164	t	t
117	75	165	u	u
118	76	166	v	v
119	77	167	w	w
120	78	170	x	x
121	79	171	y	y
122	7A	172	z	z
123	7B	173	{	{
124	7C	174	|		
125	7D	175	}	}
126	7E	176	~	~
127	7F	177	&#127;	DEL

Source: www.LookupTables.com

Character	ASCII Decimal
W	87
i	105
B	66
i	105
t	116

Standard ASCII Chart

Dec	Hx	Oct	Char			Dec	Hx	Oct	Html	Chr		Dec	Hx	Oct	Html	Chr		Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)		32	20	040	 	Space		64	40	100	@	@		96	60	140	`	`
1	1	001	SOH	(start of heading)		33	21	041	!	!		65	41	101	A	A		97	61	141	a	a
2	2	002	STX	(start of text)		34	22	042	"	"		66	42	102	B	B		98	62	142	b	b
3	3	003	ETX	(end of text)		35	23	043	#	#		67	43	103	C	C		99	63	143	c	c
4	4	004	EOT	(end of transmission)		36	24	044	$	$		68	44	104	D	D		100	64	144	d	d
5	5	005	ENQ	(enquiry)		37	25	045	%	%		69	45	105	E	E		101	65	145	e	e
6	6	006	ACK	(acknowledge)		38	26	046	&	&		70	46	106	F	F		102	66	146	f	f
7	7	007	BEL	(bell)		39	27	047	'	'		71	47	107	G	G		103	67	147	g	g
8	8	010	BS	(backspace)		40	28	050	(	(		72	48	110	H	H		104	68	150	h	h
9	9	011	TAB	(horizontal tab)		41	29	051	)	)		73	49	111	I	I		105	69	151	i	i
10	A	012	LF	(NL line feed, new line)		42	2A	052	*	*		74	4A	112	J	J		106	6A	152	j	j
11	B	013	VT	(vertical tab)		43	2B	053	+	+		75	4B	113	K	K		107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)		44	2C	054	,	,		76	4C	114	L	L		108	6C	154	l	l
13	D	015	CR	(carriage return)		45	2D	055	-	-		77	4D	115	M	M		109	6D	155	m	m
14	E	016	SO	(shift out)		46	2E	056	.	.		78	4E	116	N	N		110	6E	156	n	n
15	F	017	SI	(shift in)		47	2F	057	/	/		79	4F	117	O	O		111	6F	157	o	o
16	10	020	DLE	(data link escape)		48	30	060	0	0		80	50	120	P	P		112	70	160	p	p
17	11	021	DC1	(device control 1)		49	31	061	1	1		81	51	121	Q	Q		113	71	161	q	q
18	12	022	DC2	(device control 2)		50	32	062	2	2		82	52	122	R	R		114	72	162	r	r
19	13	023	DC3	(device control 3)		51	33	063	3	3		83	53	123	S	S		115	73	163	s	s
20	14	024	DC4	(device control 4)		52	34	064	4	4		84	54	124	T	T		116	74	164	t	t
21	15	025	NAK	(negative acknowledge)		53	35	065	5	5		85	55	125	U	U		117	75	165	u	u
22	16	026	SYN	(synchronous idle)		54	36	066	6	6		86	56	126	V	V		118	76	166	v	v
23	17	027	ETB	(end of trans. block)		55	37	067	7	7		87	57	127	W	W		119	77	167	w	w
24	18	030	CAN	(cancel)		56	38	070	8	8		88	58	130	X	X		120	78	170	x	x
25	19	031	EM	(end of medium)		57	39	071	9	9		89	59	131	Y	Y		121	79	171	y	y
26	1A	032	SUB	(substitute)		58	3A	072	:	:		90	5A	132	Z	Z		122	7A	172	z	z
27	1B	033	ESC	(escape)		59	3B	073	;	;		91	5B	133	[	[		123	7B	173	{	{
28	1C	034	FS	(file separator)		60	3C	074	<	<		92	5C	134	\	\		124	7C	174	|		
29	1D	035	GS	(group separator)		61	3D	075	=	=		93	5D	135	]	]		125	7D	175	}	}
30	1E	036	RS	(record separator)		62	3E	076	>	>		94	5E	136	^	^		126	7E	176	~	~
31	1F	037	US	(unit separator)		63	3F	077	?	?		95	5F	137	_	_		127	7F	177	&#127;	DEL

Source: www.LookupTables.com

Character	ASCII Decimal
W	87
i	105
B	66
i	105
t	116
.	46

Dec	Hx	Oct	Char		Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)	32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH	(start of heading)	33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX	(start of text)	34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX	(end of text)	35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT	(end of transmission)	36	24	044	$	$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ	(enquiry)	37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK	(acknowledge)	38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL	(bell)	39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS	(backspace)	40	28	050	(	(	72	48	110	H	H	104	68	150	h	h
9	9	011	TAB	(horizontal tab)	41	29	051	)	)	73	49	111	I	I	105	69	151	i	i
10	A	012	LF	(NL line feed, new line)	42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT	(vertical tab)	43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)	44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR	(carriage return)	45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO	(shift out)	46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI	(shift in)	47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE	(data link escape)	48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1	(device control 1)	49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2	(device control 2)	50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3	(device control 3)	51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4	(device control 4)	52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK	(negative acknowledge)	53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN	(synchronous idle)	54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB	(end of trans. block)	55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN	(cancel)	56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM	(end of medium)	57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB	(substitute)	58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC	(escape)	59	3B	073	;	;	91	5B	133	[	[	123	7B	173	{	{
28	1C	034	FS	(file separator)	60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|		
29	1D	035	GS	(group separator)	61	3D	075	=	=	93	5D	135	]	]	125	7D	175	}	}
30	1E	036	RS	(record separator)	62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US	(unit separator)	63	3F	077	?	?	95	5F	137	_	_	127	7F	177	&#127;	DEL

Source: www.LookupTables.com

Character	ASCII Decimal
W	87
i	105
B	66
i	105
t	116
.	46
n	110

Standard ASCII Chart

Dec	Hx	Oct	Char		Dec	Hx	Oct	Html	Chr		Dec	Hx	Oct	Html	Chr		Dec	Hx	Oct	Html	Chr
0	0	000	NUL (null)		32	20	040	 	Space		64	40	100	@	@		96	60	140	`	`
1	1	001	SOH (start of heading)		33	21	041	!	!		65	41	101	A	A		97	61	141	a	a
2	2	002	STX (start of text)		34	22	042	"	"		66	42	102	B	B		98	62	142	b	b
3	3	003	ETX (end of text)		35	23	043	#	#		67	43	103	C	C		99	63	143	c	c
4	4	004	EOT (end of transmission)		36	24	044	$	$		68	44	104	D	D		100	64	144	d	d
5	5	005	ENQ (enquiry)		37	25	045	%	%		69	45	105	E	E		101	65	145	e	e
6	6	006	ACK (acknowledge)		38	26	046	&	&		70	46	106	F	F		102	66	146	f	f
7	7	007	BEL (bell)		39	27	047	'	'		71	47	107	G	G		103	67	147	g	g
8	8	010	BS (backspace)		40	28	050	(	(		72	48	110	H	H		104	68	150	h	h
9	9	011	TAB (horizontal tab)		41	29	051	)	)		73	49	111	I	I		105	69	151	i	i
10	A	012	LF (NL line feed, new line)		42	2A	052	*	*		74	4A	112	J	J		106	6A	152	j	j
11	B	013	VT (vertical tab)		43	2B	053	+	+		75	4B	113	K	K		107	6B	153	k	k
12	C	014	FF (NP form feed, new page)		44	2C	054	,	,		76	4C	114	L	L		108	6C	154	l	l
13	D	015	CR (carriage return)		45	2D	055	-	-		77	4D	115	M	M		109	6D	155	m	m
14	E	016	SO (shift out)		46	2E	056	.	.		78	4E	116	N	N		110	6E	156	n	n
15	F	017	SI (shift in)		47	2F	057	/	/		79	4F	117	O	O		111	6F	157	o	o
16	10	020	DLE (data link escape)		48	30	060	0	0		80	50	120	P	P		112	70	160	p	p
17	11	021	DC1 (device control 1)		49	31	061	1	1		81	51	121	Q	Q		113	71	161	q	q
18	12	022	DC2 (device control 2)		50	32	062	2	2		82	52	122	R	R		114	72	162	r	r
19	13	023	DC3 (device control 3)		51	33	063	3	3		83	53	123	S	S		115	73	163	s	s
20	14	024	DC4 (device control 4)		52	34	064	4	4		84	54	124	T	T		116	74	164	t	t
21	15	025	NAK (negative acknowledge)		53	35	065	5	5		85	55	125	U	U		117	75	165	u	u
22	16	026	SYN (synchronous idle)		54	36	066	6	6		86	56	126	V	V		118	76	166	v	v
23	17	027	ETB (end of trans. block)		55	37	067	7	7		87	57	127	W	W		119	77	167	w	w
24	18	030	CAN (cancel)		56	38	070	8	8		88	58	130	X	X		120	78	170	x	x
25	19	031	EM (end of medium)		57	39	071	9	9		89	59	131	Y	Y		121	79	171	y	y
26	1A	032	SUB (substitute)		58	3A	072	:	:		90	5A	132	Z	Z		122	7A	172	z	z
27	1B	033	ESC (escape)		59	3B	073	;	;		91	5B	133	[	[		123	7B	173	{	{
28	1C	034	FS (file separator)		60	3C	074	<	<		92	5C	134	\	\		124	7C	174	|		
29	1D	035	GS (group separator)		61	3D	075	=	=		93	5D	135	]	]		125	7D	175	}	}
30	1E	036	RS (record separator)		62	3E	076	>	>		94	5E	136	^	^		126	7E	176	~	~
31	1F	037	US (unit separator)		63	3F	077	?	?		95	5F	137	_	_		127	7F	177	&#127;	DEL

Source: www.LookupTables.com

Character	ASCII Decimal
W	87
i	105
B	66
i	105
t	116
.	46
n	110
e	101

Standard ASCII Chart

Dec	Hx	Oct	Char		Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL	(null)	32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH	(start of heading)	33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX	(start of text)	34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX	(end of text)	35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT	(end of transmission)	36	24	044	$	$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ	(enquiry)	37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK	(acknowledge)	38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL	(bell)	39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS	(backspace)	40	28	050	(	(	72	48	110	H	H	104	68	150	h	h
9	9	011	TAB	(horizontal tab)	41	29	051	)	)	73	49	111	I	I	105	69	151	i	i
10	A	012	LF	(NL line feed, new line)	42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT	(vertical tab)	43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF	(NP form feed, new page)	44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR	(carriage return)	45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO	(shift out)	46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI	(shift in)	47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE	(data link escape)	48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1	(device control 1)	49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2	(device control 2)	50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3	(device control 3)	51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4	(device control 4)	52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK	(negative acknowledge)	53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN	(synchronous idle)	54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB	(end of trans. block)	55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN	(cancel)	56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM	(end of medium)	57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB	(substitute)	58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC	(escape)	59	3B	073	;	;	91	5B	133	[	[	123	7B	173	{	{
28	1C	034	FS	(file separator)	60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|		
29	1D	035	GS	(group separator)	61	3D	075	=	=	93	5D	135	]	]	125	7D	175	}	}
30	1E	036	RS	(record separator)	62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US	(unit separator)	63	3F	077	?	?	95	5F	137	_	_	127	7F	177	&#127;	DEL

Source: www.LookupTables.com

Character	ASCII Decimal
W	87
i	105
B	66
i	105
t	116
.	46
n	110
e	101
t	116

Character	ASCII Decimal	8-Bit Binary
W	87	01010111
i	105	01101001
B	66	01000010
i	105	01101001
t	116	01110100
.	46	00101110
n	110	01101110
e	101	01100101
t	116	01110100

WiBit.net in Binary

Character	ASCII Decimal	8-Bit Binary
W	87	01010111
i	105	01101001
B	66	01000010
i	105	01101001
t	116	01110100
.	46	00101110
n	110	01101110
e	101	01100101
t	116	01110100

01010111011010010100001001101001011101000010111001101110011001010111 0100

String

- A series of ASCII character values combined together
  - "Hello! How are you today? What a lovely day to program!"
  - "This is the first line**\x0A**This is the second line"
  - "This is the first line using Windows new line characters**\x0D\x0A**This is the second line"
  - "This is page 1**\x0C**This is page 2**\x0C**This is page 3"

String

- A series of ASCII character values comb...

  - "Hello! How are you today? What a lovely d...

  - "This is the first line**\x0A**This is the second...

  - "This is the first line using Windows new line characters**\x0D\x0A**This is the second line"

  - "This is page 1**\x0C**This is page 2**\x0C**This is page 3"

Dec	Hx	Oct	Char	
0	0	000	NUL	(null)
1	1	001	SOH	(start of heading)
2	2	002	STX	(start of text)
3	3	003	ETX	(end of text)
4	4	004	EOT	(end of transmission)
5	5	005	ENQ	(enquiry)
6	6	006	ACK	(acknowledge)
7	7	007	BEL	(bell)
8	8	010	BS	(backspace)
9	9	011	TAB	(horizontal tab)
10	A	012	LF	(NL line feed, new line)
11	B	013	VT	(vertical tab)
12	C	014	FF	(NP form feed, new page)
13	D	015	CR	(carriage return)

String

- A series of ASCII character values comb[...]

  - "Hello! How are you today? What a lovely d[...]
  - "This is the first line**\x0A**This is the second [...]
  - "This is the first line using Windows new line characters**\x0D\x0A**This is the second line"
  - "This is page 1**\x0C**This is page 2**\x0C**This is page 3"

Dec	Hx	Oct	Char	
0	0	000	NUL	(null)
1	1	001	SOH	(start of heading)
2	2	002	STX	(start of text)
3	3	003	ETX	(end of text)
4	4	004	EOT	(end of transmission)
5	5	005	ENQ	(enquiry)
6	6	006	ACK	(acknowledge)
7	7	007	BEL	(bell)
8	8	010	BS	(backspace)
9	9	011	TAB	(horizontal tab)
10	A	012	LF	(NL line feed, new line)
11	B	013	VT	(vertical tab)
12	C	014	FF	(NP form feed, new page)
13	D	015	CR	(carriage return)

String

- A series of ASCII character values comb

  - "Hello! How are you today? What a lovely
  - "This is the first line**\x0A**This is the second
  - "This is the first line using Windows new line characters**\x0D\x0A**This is the second line"
  - "This is page 1**\x0C**This is page 2**\x0C**This is page 3"

Dec	Hx	Oct	Char	
0	0	000	NUL	(null)
1	1	001	SOH	(start of heading)
2	2	002	STX	(start of text)
3	3	003	ETX	(end of text)
4	4	004	EOT	(end of transmission)
5	5	005	ENQ	(enquiry)
6	6	006	ACK	(acknowledge)
7	7	007	BEL	(bell)
8	8	010	BS	(backspace)
9	9	011	TAB	(horizontal tab)
10	A	012	LF	(NL line feed, new line)
11	B	013	VT	(vertical tab)
12	C	014	FF	(NP form feed, new page)
13	D	015	CR	(carriage return)

String

- A series of ASCII character values comb

  - "Hello! How are you today? What a lovely c

  - "This is the first line**\x0A**This is the second

  - "This is the first line using Windows new lin characters**\x0D\x0A**This is the second line"

  - "This is page 1**\x0C**This is page 2**\x0C**This is page 3"

Dec	Hx	Oct	Char	
0	0	000	NUL	(null)
1	1	001	SOH	(start of heading)
2	2	002	STX	(start of text)
3	3	003	ETX	(end of text)
4	4	004	EOT	(end of transmission)
5	5	005	ENQ	(enquiry)
6	6	006	ACK	(acknowledge)
7	7	007	BEL	(bell)
8	8	010	BS	(backspace)
9	9	011	TAB	(horizontal tab)
10	A	012	LF	(NL line feed, new line)
11	B	013	VT	(vertical tab)
12	C	014	FF	(NP form feed, new page)
13	D	015	CR	(carriage return)

String

- A series of ASCII character values combined together
    - "Hello! How are you today? What a lovely day to program!"
    - "This is the first line**\n**This is the second line"
    - "This is the first line using Windows new line characters**\r\n**This is the second line"
    - "This is page 1**\f**This is page 2**\f**This is page 3"

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The End?