Cleanor

ASCII Table

The 128 standard ASCII characters — decimal, hex, octal, binary

ASCII maps every basic text character to a number from 0 to 127. Codes 0-31 and 127 are non-printing control characters; 32-126 are the printable characters.

ASCII 0-127

DEC	HEX	OCT	BINARY	CHAR	DESCRIPTION
0	00	000	00000000	NUL	Null
1	01	001	00000001	SOH	Start of heading
2	02	002	00000010	STX	Start of text
3	03	003	00000011	ETX	End of text
4	04	004	00000100	EOT	End of transmission
5	05	005	00000101	ENQ	Enquiry
6	06	006	00000110	ACK	Acknowledge
7	07	007	00000111	BEL	Bell / alert
8	08	010	00001000	BS	Backspace
9	09	011	00001001	HT	Horizontal tab
10	0A	012	00001010	LF	Line feed (newline)
11	0B	013	00001011	VT	Vertical tab
12	0C	014	00001100	FF	Form feed
13	0D	015	00001101	CR	Carriage return
14	0E	016	00001110	SO	Shift out
15	0F	017	00001111	SI	Shift in
16	10	020	00010000	DLE	Data link escape
17	11	021	00010001	DC1	Device control 1 (XON)
18	12	022	00010010	DC2	Device control 2
19	13	023	00010011	DC3	Device control 3 (XOFF)
20	14	024	00010100	DC4	Device control 4
21	15	025	00010101	NAK	Negative acknowledge
22	16	026	00010110	SYN	Synchronous idle
23	17	027	00010111	ETB	End of block
24	18	030	00011000	CAN	Cancel
25	19	031	00011001	EM	End of medium
26	1A	032	00011010	SUB	Substitute
27	1B	033	00011011	ESC	Escape
28	1C	034	00011100	FS	File separator
29	1D	035	00011101	GS	Group separator
30	1E	036	00011110	RS	Record separator
31	1F	037	00011111	US	Unit separator
32	20	040	00100000	SP	Space
33	21	041	00100001	!	
34	22	042	00100010	"	
35	23	043	00100011	#	
36	24	044	00100100	$	
37	25	045	00100101	%	

DEC	HEX	OCT	BINARY	CHAR	DESCRIPTION
38	26	046	00100110	&	
39	27	047	00100111	'	
40	28	050	00101000	(	
41	29	051	00101001	)	
42	2A	052	00101010	*	
43	2B	053	00101011	+	
44	2C	054	00101100	,	
45	2D	055	00101101	-	
46	2E	056	00101110	.	
47	2F	057	00101111	/	
48	30	060	00110000	0	
49	31	061	00110001	1	
50	32	062	00110010	2	
51	33	063	00110011	3	
52	34	064	00110100	4	
53	35	065	00110101	5	
54	36	066	00110110	6	
55	37	067	00110111	7	
56	38	070	00111000	8	
57	39	071	00111001	9	
58	3A	072	00111010	:	
59	3B	073	00111011	;	
60	3C	074	00111100	<	
61	3D	075	00111101	=	
62	3E	076	00111110	>	
63	3F	077	00111111	?	
64	40	100	01000000	@	
65	41	101	01000001	A	
66	42	102	01000010	B	
67	43	103	01000011	C	
68	44	104	01000100	D	
69	45	105	01000101	E	
70	46	106	01000110	F	
71	47	107	01000111	G	
72	48	110	01001000	H	
73	49	111	01001001	I	
74	4A	112	01001010	J	
75	4B	113	01001011	K	
76	4C	114	01001100	L	
77	4D	115	01001101	M	
78	4E	116	01001110	N	
79	4F	117	01001111	O	
80	50	120	01010000	P	
81	51	121	01010001	Q	
82	52	122	01010010	R	
83	53	123	01010011	S	
84	54	124	01010100	T	

DEC	HEX	OCT	BINARY	CHAR	DESCRIPTION
85	55	125	01010101	U	
86	56	126	01010110	V	
87	57	127	01010111	W	
88	58	130	01011000	X	
89	59	131	01011001	Y	
90	5A	132	01011010	Z	
91	5B	133	01011011	[	
92	5C	134	01011100	\	
93	5D	135	01011101	]	
94	5E	136	01011110	^	
95	5F	137	01011111	_	
96	60	140	01100000	`	
97	61	141	01100001	a	
98	62	142	01100010	b	
99	63	143	01100011	c	
100	64	144	01100100	d	
101	65	145	01100101	e	
102	66	146	01100110	f	
103	67	147	01100111	g	
104	68	150	01101000	h	
105	69	151	01101001	i	
106	6A	152	01101010	j	
107	6B	153	01101011	k	
108	6C	154	01101100	l	
109	6D	155	01101101	m	
110	6E	156	01101110	n	
111	6F	157	01101111	o	
112	70	160	01110000	p	
113	71	161	01110001	q	
114	72	162	01110010	r	
115	73	163	01110011	s	
116	74	164	01110100	t	
117	75	165	01110101	u	
118	76	166	01110110	v	
119	77	167	01110111	w	
120	78	170	01111000	x	
121	79	171	01111001	y	
122	7A	172	01111010	z	
123	7B	173	01111011	{	
124	7C	174	01111100	|	
125	7D	175	01111101	}	
126	7E	176	01111110	~	
127	7F	177	01111111	DEL	Delete