Standard ASCII Character Set= For Bytes
The first 32 values (0 through 31) are codes for things like carriage return and line feed. The space
character is the 33rd value, followed by punctuation, digits, uppercase characters and lowercase characters.

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0   NUL
1   SOH
2   STX
3   ETX
4   EOT
5   ENQ
6   ACK
7   BEL
8   BS
9   TAB
10 LF
11 VT
12 FF
13 CR
14 SO
15 SI
16 DLE
17 DC1
18 DC2
19 DC3
20 DC4
21 NAK
22 SYN
23 ETB
24 CAN
25 EM
26 SUB
27 ESC
28 FS
29 GS
30 RS
31 US
32
33 !
34 "
35 #
36 $
37 %
38 &
39 '
40 (

41	)
42	*
43	+
44	,
45	-
46	.
47	/
48	0
49	1
50	2
51	3
52	4
53	5
54	6
55	7
56	8
57	9
58	:
59	;
60	<
61	=
62	>
63	?
64	@
65	A
66	B
67	C
68	D
69	E
70	F
71	G
72	H
73	I
74	J
75	K
76	L
77	M
78	N
79	O
80	P
81	Q
82	R
83	S
84	T
85	U
86	V
87	W
88	X
89	Y
90	Z
91	[
92	\
93	]
94	^

95	_
96	`
97	a
98	b
99	c
100	d
101	e
102	f
103	g
104	h
105	i
106	j
107	k
108	l
109	m
110	n
111	o
112	p
113	q
114	r
115	s
116	t
117	u
118	v
119	w
120	x
121	y
122	z
123	{
124	|
125	}
126	~
127	DEL

Name	Abbr.	Size
Kilo	K	$2^{10} = 1,024$
Mega	M	$2^{20} = 1,048,576$
Giga	G	$2^{30} = 1,073,741,824$

Tera

T

2^40 = 1,099,511,627,776
Peta

P

2^50 = 1,125,899,906,842,624
Exa

E

2^60 = 1,152,921,504,606,846,976
Zetta

Z

2^70 = 1,180,591,620,717,411,303,424
Yotta

Y

2^80 = 1,208,925,819,614,629,174,706,176