

## #1 HTML Entity List

<https://www.freeformatter.com/html-entities.html>

Complete list of HTML entities with their numbers and names. Also included is a full list of ASCII characters that can be represented in HTML (i.e. printable characters).

- [ASCII Characters](#)
- [ISO 8859-1 Characters](#)
- [ISO 8859-1 Symbols](#)
- [Math Symbols](#)
- [Greek Letters](#)
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## #2 ASCII Characters (Printable)

Only printable characters are displayed as control characters (0-31) shouldn't be present in HTML pages since they have no visual representations.

Character	Entity Name	Entity Number	Description
			Space
!		!	Exclamation mark
"		"	Quotation mark
#		#	Number sign
\$		\$	Dollar sign
%		%	Percent sign
&	&	&	Ampersand
'		'	Apostrophe
(		(	Opening/Left Parenthesis
)		)	Closing/Right Parenthesis
*		*	Asterisk
+		+	Plus sign
,		,	Comma
-		-	Hyphen
.		.	Period

/	/	Slash
0	0	Digit 0
1	1	Digit 1
2	2	Digit 2
3	3	Digit 3
4	4	Digit 4
5	5	Digit 5
6	6	Digit 6
7	7	Digit 7
8	8	Digit 8
9	9	Digit 9
:	:	Colon
;	;	Semicolon
<	<	Less-than
=	=	Equals sign
>	>	Greater than
?	?	Question mark
@	@	At sign
A	A	Uppercase A
B	B	Uppercase B
C	C	Uppercase C
D	D	Uppercase D
E	E	Uppercase E
F	F	Uppercase F
G	G	Uppercase G
H	H	Uppercase H
I	I	Uppercase I
J	J	Uppercase J
K	K	Uppercase K
L	L	Uppercase L

M	M	Uppercase M
N	N	Uppercase N
O	O	Uppercase O
P	P	Uppercase P
Q	Q	Uppercase Q
R	R	Uppercase R
S	S	Uppercase S
T	T	Uppercase T
U	U	Uppercase U
V	V	Uppercase V
W	W	Uppercase W
X	X	Uppercase X
Y	Y	Uppercase Y
Z	Z	Uppercase Z
[	[	Opening/Left square bracket
\	\	Backslash
]	]	Closing/Right square bracket
^	^	Caret
_	_	Underscore
`	`	Grave accent
a	a	Lowercase a
b	b	Lowercase b
c	c	Lowercase c
d	d	Lowercase d
e	e	Lowercase e
f	f	Lowercase f
g	g	Lowercase g
h	h	Lowercase h
i	i	Lowercase i
j	j	Lowercase j

k	k	Lowercase k
l	l	Lowercase l
m	m	Lowercase m
n	n	Lowercase n
o	o	Lowercase o
p	p	Lowercase p
q	q	Lowercase q
r	r	Lowercase r
s	s	Lowercase s
t	t	Lowercase t
u	u	Lowercase u
v	v	Lowercase v
w	w	Lowercase w
x	x	Lowercase x
y	y	Lowercase y
z	z	Lowercase z
{	{	Opening/Left curly brace
		Vertical bar
}	}	Closing/Right curly brace
~	~	Tilde

## #2 ISO-8859-1 Characters

Full list of supported ISO-8859-1 characters. Notice that the names are case sensitive, hence if you want an uppercase letter, the name should also start with an uppercase letter.

Character	Entity Name	Entity Number	Description
À	À	À	Capital a with grave accent
Á	Á	Á	Capital a with acute accent
Â	Â	Â	Capital a with circumflex accent
Ã	Ã	Ã	Capital a with tilde

Ä	Ä	Ä	Capital a with umlaut
Å	Å	Å	Capital a with ring
Æ	Æ	Æ	Capital ae
Ç	Ç	Ç	Capital c with cedilla
È	È	È	Capital e with grave accent
É	É	É	Capital e with acute accent
Ê	Ê	Ê	Capital e with circumflex accent
Ë	Ë	Ë	Capital e with umlaut
Ì	Ì	Ì	Capital i with grave accent
Í	Í	Í	Capital i with accute accent
Î	Î	Î	Capital i with circumflex accent
Ï	Ï	Ï	Capital i with umlaut
Ð	Ð	Ð	Capital eth (Icelandic)
Ñ	Ñ	Ñ	Capital n with tilde
Ò	Ò	Ò	Capital o with grave accent
Ó	Ó	Ó	Capital o with accute accent
Ô	Ô	Ô	Capital o with circumflex accent
Õ	Õ	Õ	Capital o with tilde
Ö	Ö	Ö	Capital o with umlaut
Ø	Ø	Ø	Capital o with slash
Ù	Ù	Ù	Capital u with grave accent
Ú	Ú	Ú	Capital u with acute accent
Û	Û	Û	Capital u with circumflex accent
Ü	Ü	Ü	Capital u with umlaut
Ý	Ý	Ý	Capital y with acute accent
Þ	Þ	Þ	Capital thorn (Icelandic)
ß	ß	ß	Lowercase sharp s (German)
à	à	à	Lowercase a with grave accent
á	á	á	Lowercase a with acute accent
â	â	â	Lowercase a with circumflex accent

ã	ã	ã	Lowercase a with tilde
ä	ä	ä	Lowercase a with umlaut
å	å	å	Lowercase a with ring
æ	æ	æ	Lowercase ae
ç	ç	ç	Lowercase c with cedilla
è	è	è	Lowercase e with grave accent
é	é	é	Lowercase e with acute accent
ê	ê	ê	Lowercase e with circumflex accent
ë	ë	ë	Lowercase e with umlaut
ì	ì	ì	Lowercase i with grave accent
í	í	í	Lowercase i with acute accent
î	î	î	Lowercase i with circumflex accent
ï	ï	ï	Lowercase i with umlaut
ð	ð	ð	Lowercase eth (Icelandic)
ñ	ñ	ñ	Lowercase n with tilde
ò	ò	ò	Lowercase o with grave accent
ó	ó	ó	Lowercase o with acute accent
ô	ô	ô	Lowercase o with circumflex accent
õ	õ	õ	Lowercase o with tilde
ö	ö	ö	Lowercase o with umlaut
ø	ø	ø	Lowercase o with slash
ù	ù	ù	Lowercase u with grave accent
ú	ú	ú	Lowercase u with acute accent
û	û	û	Lowercase u with circumflex accent
ü	ü	ü	Lowercase u with umlaut
ý	ý	ý	Lowercase y with acute accent
þ	þ	þ	Lowercase thorn (Icelandic)
ÿ	ÿ	ÿ	Lowercase y with umlaut

## #2 ISO-8859-1 Symbols

Full list of supported ISO-8859-1 symbols in HTML.

Symbol	Entity Name	Entity Number	Description
			Non-breaking space
¡	¡	¡	Inverted exclamation mark
¢	¢	¢	Cent
£	£	£	Pound
¤	¤	¤	Currency
¥	¥	¥	Yen
			Broken vertical bar
§	§	§	Section
¨	¨	¨	Spacing diaeresis
©	©	©	Copyright
ª	ª	ª	Feminine ordinal indicator
«	«	«	Opening/Left angle quotation mark
¬	¬	¬	Negation
			Soft hyphen
®	®	®	Registered trademark
-	-	-	Spacing macron
°	°	°	Degree
±	±	±	Plus or minus
²	²	²	Superscript 2
³	³	³	Superscript 3
´	´	´	Spacing acute
µ	µ	µ	Micro
¶	¶	¶	Paragraph
¸	¸	¸	Spacing cedilla
¹	¹	¹	Superscript 1
º	º	º	Masculine ordinal indicator
»	»	»	Closing/Right angle quotation mark

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	Fraction 1/4
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	Fraction 1/2
$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	Fraction 3/4
¿	¿	¿	Inverted question mark
×	×	×	Multiplication
÷	÷	÷	Divide

## #2 Math Symbols

Full list of all supported math symbols in HTML.

Symbol	Entity Name	Entity Number	Description
∀	∀	∀	For all
∂	∂	∂	Part
∃	∃	∃	Exist
∅	∅	∅	Empty
∇	∇	∇	Nabla
∈	∈	∈	Is in
∉	∉	∉	Not in
∋	∋	∋	Ni
∏	∏	∏	Product
∑	∑	∑	Sum
−	−	−	Minus
*	*	*	Asterisk (Lowast)
√	√	√	Square root
∝	∝	∝	Proportional to
∞	∞	∞	Infinity
∠	∠	∠	Angle
∧	∧	∧	And
∨	∨	∨	Or
∩	∩	∩	Cap
∪	∪	∪	Cup



$\int$	$\int$	$\int$	Integral
$\therefore$	$\therefore$	$\therefore$	Therefore
$\sim$	$\sim$	$\sim$	Similar to
$\cong$	$\cong$	$\cong$	Congruent to
$\approx$	$\approx$	$\approx$	Almost equal
$\neq$	$\neq$	$\neq$	Not equal
$\equiv$	$\equiv$	$\equiv$	Equivalent
$\leq$	$\leq$	$\leq$	Less or equal
$\geq$	$\geq$	$\geq$	Greater or equal
$\subset$	$\subset$	$\subset$	Subset of
$\supset$	$\supset$	$\supset$	Superset of
$\not\subset$	$\not\subset$	$\not\subset$	Not subset of
$\subseteq$	$\subseteq$	$\subseteq$	Subset or equal
$\supseteq$	$\supseteq$	$\supseteq$	Superset or equal
$\oplus$	$\oplus$	$\oplus$	Circled plus
$\otimes$	$\otimes$	$\otimes$	Circled times
$\perp$	$\perp$	$\perp$	Perpendicular
$\cdot$	$\cdot$	$\cdot$	Dot operator

## #2 Greek Letters

Full list of all supported greek letters in HTML.

Letter	Entity Name	Entity Number	Description
A	A	A	Alpha
B	B	B	Beta
Γ	Γ	Γ	Gamma
Δ	Δ	Δ	Delta
E	E	E	Epsilon
Z	Z	Z	Zeta
H	H	H	Eta
Θ	Θ	Θ	Theta

Ι	Ι	Ι	Iota
Κ	Κ	Κ	Kappa
Λ	Λ	Λ	Lambda
Μ	Μ	Μ	Mu
Ν	Ν	Ν	Nu
Ξ	Ξ	Ξ	Xi
Ο	Ο	Ο	Omicron
Π	Π	Π	Pi
Ρ	Ρ	Ρ	Rho
Σ	Σ	Σ	Sigma
Τ	Τ	Τ	Tau
Υ	Υ	Υ	Upsilon
Φ	Φ	Φ	Phi
Χ	Χ	Χ	Chi
Ψ	Ψ	Ψ	Psi
Ω	Ω	Ω	Omega
α	α	α	alpha
β	β	β	beta
γ	γ	γ	gamma
δ	δ	δ	delta
ε	ε	ε	epsilon
ζ	ζ	ζ	zeta
η	η	η	eta
θ	θ	θ	theta
ι	ι	ι	iota
κ	κ	κ	kappa
λ	λ	λ	lambda
μ	μ	μ	mu
ν	ν	ν	nu
ξ	ξ	ξ	xi

ο	ο	ο	omicron
π	π	π	pi
ρ	ρ	ρ	rho
ς	ς	ς	sigmaf
σ	σ	σ	sigma
τ	τ	τ	tau
υ	υ	υ	upsilon
φ	φ	φ	phi
χ	χ	χ	chi
ψ	ψ	ψ	psi
ω	ω	ω	omega
ϑ	ϑ	ϑ	Theta symbol
Υ	Υ	Υ	Upsilon symbol
ϖ	ϖ	ϖ	Pi symbol

## #2 Miscellaneous HTML entities

List of miscellaneous HTML entities.

Symbol	Entity Name	Entity Number	Description
Œ	Œ	Œ	Uppercase ligature OE
œ	œ	œ	Lowercase ligature OE
Š	Š	Š	Uppercase S with caron
š	š	š	Lowercase S with caron
ÿ	ÿ	ÿ	Capital Y with diaeres
f	f	f	Lowercase with hook
^	^	^	Circumflex accent
~	~	~	Tilde
			En space
			Em space
			Thin space
			Zero width non-joiner

			Zero width joiner
			Left-to-right mark
			Right-to-left mark
–	–	–	En dash
—	—	—	Em dash
‘	‘	‘	Left single quotation mark
’	’	’	Right single quotation mark
‚	‚	‚	Single low-9 quotation mark
“	“	“	Left double quotation mark
”	”	”	Right double quotation mark
„	„	„	Double low-9 quotation mark
†	†	†	Dagger
‡	‡	‡	Double dagger
•	•	•	Bullet
…	…	…	Horizontal ellipsis
‰	‰	‰	Per mille
′	′	′	Minutes (Degrees)
″	″	″	Seconds (Degrees)
◁	◁	◁	Single left angle quotation
▷	▷	▷	Single right angle quotation
—	—	—	Overline
€	€	€	Euro
™	™	™	Trademark
←	←	←	Left arrow
↑	↑	↑	Up arrow
→	→	→	Right arrow
↓	↓	↓	Down arrow
↔	↔	↔	Left right arrow
↵	↵	↵	Carriage return arrow
⌈	⌈	⌈	Left ceiling

			Right ceiling
			Left floor
			Right floor
◇	◇	◇	Lozenge
♠	♠	♠	Spade
♣	♣	♣	Club
♥	♥	♥	Heart
◆	◆	◆	Diamond