

# Character Entity Chart

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[http://roselli.org/adrian/articles/character\\_charts.asp](http://roselli.org/adrian/articles/character_charts.asp)

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<http://stiern.com/>

## ISO 8859-1

Character entity	Numeric entity	Char	Num	Entity description
&nbsp;	&#160;			non-breaking space
&iexcl;	&#161;	¡	¡	inverted exclamation mark
&cent;	&#162;	¢	¢	cent sign
&pound;	&#163;	£	£	pound sign
&curren;	&#164;	¤	¤	currency sign
&yen;	&#165;	¥	¥	yen sign
&brvbar;	&#166;	׀	׀	broken bar
&sect;	&#167;	§	§	section sign
&uml;	&#168;	„	„	diaeresis
&copy;	&#169;	©	©	copyright sign
&ordf;	&#170;	ª	ª	feminine ordinal indicator
&laquo;	&#171;	«	«	left-pointing double angle quotation mark
&not;	&#172;	¬	¬	not sign
&shy;	&#173;			soft hyphen
&reg;	&#174;	®	®	registered sign
&macr;	&#175;	‐	‐	macron
&deg;	&#176;	°	°	degree sign
&plusmn;	&#177;	±	±	plus-minus sign
&sup2;	&#178;	²	²	superscript two
&sup3;	&#179;	³	³	superscript three
&acute;	&#180;	ˊ	ˊ	acute accent
&micro;	&#181;	µ	µ	micro sign
&para;	&#182;	¶	¶	pilcrow sign
&middot;	&#183;	·	·	middle dot
&cedil;	&#184;	¸	¸	cedilla
&sup1;	&#185;	¹	¹	superscript one
&ordm;	&#186;	º	º	masculine ordinal indicator
&raquo;	&#187;	»	»	right-pointing double angle quotation mark
&frac14;	&#188;	¼	¼	vulgar fraction one quarter
&frac12;	&#189;	½	½	vulgar fraction one half
&frac34;	&#190;	¾	¾	vulgar fraction three quarters
&iquest;	&#191;	¿	¿	inverted question mark
&Agrave;	&#192;	À	À	latin capital letter A with grave
&Aacute;	&#193;	Á	Á	latin capital letter A with acute
&Acirc;	&#194;	Â	Â	latin capital letter A with circumflex
&Atilde;	&#195;	Ã	Ã	latin capital letter A with tilde
&Auml;	&#196;	Ä	Ä	latin capital letter A with diaeresis
&Aring;	&#197;	Å	Å	latin capital letter A with ring above
&AElig;	&#198;	Æ	Æ	latin capital letter AE
&Ccedil;	&#199;	Ç	Ç	latin capital letter C with cedilla
&Egrave;	&#200;	È	È	latin capital letter E with grave
&Eacute;	&#201;	É	É	latin capital letter E with acute
&Ecirc;	&#202;	Ê	Ê	latin capital letter E with circumflex
&Euml;	&#203;	Ë	Ë	latin capital letter E with diaeresis
&Igrave;	&#204;	Ì	Ì	latin capital letter I with grave
&Iacute;	&#205;	Í	Í	latin capital letter I with acute
&Icirc;	&#206;	Î	Î	latin capital letter I with circumflex
&Iuml;	&#207;	Ï	Ï	latin capital letter I with diaeresis
&ETH;	&#208;	Ð	Ð	latin capital letter ETH
&Ntilde;	&#209;	Ñ	Ñ	latin capital letter N with tilde
&Ograve;	&#210;	Ò	Ò	latin capital letter O with grave
&Oacute;	&#211;	Ó	Ó	latin capital letter O with acute
&Ocirc;	&#212;	Ô	Ô	latin capital letter O with circumflex
&Otilde;	&#213;	Õ	Õ	latin capital letter O with tilde

&Ouml;	&#214;	Ö	Ö	latin capital letter O with diaeresis
&times;	&#215;	×	×	multiplication sign
&Oslash;	&#216;	Ø	Ø	latin capital letter O with stroke
&Ugrave;	&#217;	Ù	Ù	latin capital letter U with grave
&Uacute;	&#218;	Ú	Ú	latin capital letter U with acute
&Ucirc;	&#219;	Û	Û	latin capital letter U with circumflex
&Uuml;	&#220;	Ü	Ü	latin capital letter U with diaeresis
&Yacute;	&#221;	Ý	Ý	latin capital letter Y with acute
&THORN;	&#222;	Þ	Þ	latin capital letter THORN
&szlig;	&#223;	ß	ß	latin small letter sharp s
&agrave;	&#224;	à	à	latin small letter a with grave
&aacute;	&#225;	á	á	latin small letter a with acute
&acirc;	&#226;	â	â	latin small letter a with circumflex
&atilde;	&#227;	ã	ã	latin small letter a with tilde
&auml;	&#228;	ä	ä	latin small letter a with diaeresis
&aring;	&#229;	å	å	latin small letter a with ring above
&aelig;	&#230;	æ	æ	latin small letter ae
&ccedil;	&#231;	ç	ç	latin small letter c with cedilla
&egrave;	&#232;	è	è	latin small letter e with grave
&eacute;	&#233;	é	é	latin small letter e with acute
&ecirc;	&#234;	ê	ê	latin small letter e with circumflex
&euml;	&#235;	ë	ë	latin small letter e with diaeresis
&igrave;	&#236;	ì	ì	latin small letter i with grave
&iacute;	&#237;	í	í	latin small letter i with acute
&icirc;	&#238;	î	î	latin small letter i with circumflex
&iuml;	&#239;	ï	ï	latin small letter i with diaeresis
&eth;	&#240;	ð	ð	latin small letter eth
&ntilde;	&#241;	ñ	ñ	latin small letter n with tilde
&ograve;	&#242;	ò	ò	latin small letter o with grave
&oacute;	&#243;	ó	ó	latin small letter o with acute
&ocirc;	&#244;	ô	ô	latin small letter o with circumflex
&otilde;	&#245;	õ	õ	latin small letter o with tilde
&ouml;	&#246;	ö	ö	latin small letter o with diaeresis
&divide;	&#247;	÷	÷	division sign
&oslash;	&#248;	ø	ø	latin small letter o with stroke
&ugrave;	&#249;	ù	ù	latin small letter u with grave
&uacute;	&#250;	ú	ú	latin small letter u with acute
&ucirc;	&#251;	û	û	latin small letter u with circumflex
&uuml;	&#252;	ü	ü	latin small letter u with diaeresis
&yacute;	&#253;	ý	ý	latin small letter y with acute
&thorn;	&#254;	þ	þ	latin small letter thorn
&yuml;	&#255;	ÿ	ÿ	latin small letter y with diaeresis

## Symbols, Mathematic Symbols, and Greek Letters

Character entity	Numeric entity	Char	Num	Entity description
&fnof;	&#402;	f	f	latin small f with hook
&Alpha;	&#913;	Α	Α	greek capital letter alpha
&Beta;	&#914;	Β	Β	greek capital letter beta
&Gamma;	&#915;	Γ	Γ	greek capital letter gamma
&Delta;	&#916;	Δ	Δ	greek capital letter delta
&Epsilon;	&#917;	Ε	Ε	greek capital letter epsilon
&Zeta;	&#918;	Ζ	Ζ	greek capital letter zeta
&Eta;	&#919;	Η	Η	greek capital letter eta
&Theta;	&#920;	Θ	Θ	greek capital letter theta
&iota;	&#921;	Ι	Ι	greek capital letter iota
&Kappa;	&#922;	Κ	Κ	greek capital letter kappa
&Lambda;	&#923;	Λ	Λ	greek capital letter lambda
&Mu;	&#924;	Μ	Μ	greek capital letter mu
&Nu;	&#925;	Ν	Ν	greek capital letter nu
&Xi;	&#926;	Ξ	Ξ	greek capital letter xi
&Omicron;	&#927;	Ο	Ο	greek capital letter omicron
&Pi;	&#928;	Π	Π	greek capital letter pi
&Rho;	&#929;	Ρ	Ρ	greek capital letter rho
&Sigma;	&#931;	Σ	Σ	greek capital letter sigma
&Tau;	&#932;	Τ	Τ	greek capital letter tau
&Upsilon;	&#933;	Υ	Υ	greek capital letter upsilon
&Phi;	&#934;	Φ	Φ	greek capital letter phi
&Chi;	&#935;	Χ	Χ	greek capital letter chi
&Psi;	&#936;	Ψ	Ψ	greek capital letter psi
&Omega;	&#937;	Ω	Ω	greek capital letter omega
&alpha;	&#945;	α	α	greek small letter alpha
&beta;	&#946;	β	β	greek small letter beta
&gamma;	&#947;	γ	γ	greek small letter gamma
&delta;	&#948;	δ	δ	greek small letter delta
&epsilon;	&#949;	ε	ε	greek small letter epsilon
&zeta;	&#950;	ζ	ζ	greek small letter zeta
&eta;	&#951;	η	η	greek small letter eta
&theta;	&#952;	θ	θ	greek small letter theta
&iota;	&#953;	ι	ι	greek small letter iota
&kappa;	&#954;	κ	κ	greek small letter kappa
&lambda;	&#955;	λ	λ	greek small letter lambda
&mu;	&#956;	μ	μ	greek small letter mu
&nu;	&#957;	ν	ν	greek small letter nu
&xi;	&#958;	ξ	ξ	greek small letter xi
&omicron;	&#959;	ο	ο	greek small letter omicron
&pi;	&#960;	π	π	greek small letter pi
&rho;	&#961;	ρ	ρ	greek small letter rho
&sigmam;	&#962;	ς	ς	greek small letter final sigma
&sigma;	&#963;	σ	σ	greek small letter sigma
&tau;	&#964;	τ	τ	greek small letter tau
&upsilon;	&#965;	υ	υ	greek small letter upsilon
&phi;	&#966;	φ	φ	greek small letter phi
&chi;	&#967;	χ	χ	greek small letter chi
&psi;	&#968;	ψ	ψ	greek small letter psi
&omega;	&#969;	ω	ω	greek small letter omega
&thetasym;	&#977;	ϑ	ϑ	greek small letter theta symbol
&upsih;	&#978;	ϒ	ϒ	greek upsilon with hook symbol
&piv;	&#982;	ϖ	ϖ	greek pi symbol
&bull;	&#8226;	•	•	bullet

&hellip;	&#8230;	...	...	horizontal ellipsis
&prime;	&#8242;	'	'	primeminutes
&Prime;	&#8243;	"	"	double prime
&oline;	&#8254;	-	-	overline
&frasl;	&#8260;	/	/	fraction slash
&weierp;	&#8472;	ø	ø	script capital P
&image;	&#8465;	ℑ	ℑ	blackletter capital I
&real;	&#8476;	ℜ	ℜ	blackletter capital R
&trade;	&#8482;	™	™	trade mark sign
&alefsym;	&#8501;	ℵ	ℵ	alef symbol
&larr;	&#8592;	←	←	leftwards arrow
&uarr;	&#8593;	↑	↑	upwards arrow
&rarr;	&#8594;	→	→	rightwards arrow
&darr;	&#8595;	↓	↓	downwards arrow
&harr;	&#8596;	↔	↔	left right arrow
&crarr;	&#8629;	⤏	⤏	downwards arrow with corner leftwards
&lArr;	&#8656;	⤒	⤒	leftwards double arrow
&uArr;	&#8657;	⤓	⤓	upwards double arrow
&rArr;	&#8658;	⤔	⤔	rightwards double arrow
&dArr;	&#8659;	⤖	⤖	downwards double arrow
&hArr;	&#8660;	⤐	⤐	left right double arrow
&forall;	&#8704;	∀	∀	for all
&part;	&#8706;	∂	∂	partial differential
&exist;	&#8707;	Ǝ	Ǝ	there exists
&empty;	&#8709;	∅	∅	empty set
&nabla;	&#8711;	∇	∇	nabla
&isin;	&#8712;	∈	∈	element of
&notin;	&#8713;	∉	∉	not an element of
&ni;	&#8715;	∋	∋	contains as member
&prod;	&#8719;	∏	∏	n-ary product
&sum;	&#8721;	∑	∑	n-ary sumation
&minus;	&#8722;	–	–	minus sign
&lowast;	&#8727;	*	*	asterisk operator
&radic;	&#8730;	√	√	square root
&prop;	&#8733;	∞	∞	proportional to
&infin;	&#8734;	∞	∞	infinity
&ang;	&#8736;	∠	∠	angle
&and;	&#8743;	◦	◦	logical and
&or;	&#8744;	∨	∨	logical or
&cap;	&#8745;	∩	∩	intersection
&cup;	&#8746;	∪	∪	union
&int;	&#8747;	∫	∫	integral
&there4;	&#8756;	∴	∴	therefore
&sim;	&#8764;	~	~	tilde operator
&cong;	&#8773;	≈	≈	approximately equal to
&asymp;	&#8776;	≈	≈	almost equal to
&ne;	&#8800;	≠	≠	not equal to
&equiv;	&#8801;	≡	≡	identical to
&le;	&#8804;	≤	≤	less-than or equal to
&ge;	&#8805;	≥	≥	greater-than or equal to
&sub;	&#8834;	⊂	⊂	subset of
&sup;	&#8835;	⊃	⊃	superset of
&nsub;	&#8836;	⊄	⊄	not a subset of
&sube;	&#8838;	⊆	⊆	subset of or equal to
&supe;	&#8839;	⊇	⊇	superset of or equal to

&oplus;	&#8853;	⊕	⊕	circled plus
&otimes;	&#8855;	⊗	⊗	circled times
&perp;	&#8869;	⊥	⊥	up tack
&sdot;	&#8901;	·	·	dot operator
&lceil;	&#8968;	⌈	⌈	left ceiling
&rceil;	&#8969;	⌉	⌉	right ceiling
&lfloor;	&#8970;	⌊	⌋	left floor
&rfloor;	&#8971;	⌋	⌋	right floor
&lang;	&#9001;	{	⟨	left-pointing angle bracket
&rang;	&#9002;	}	⟩	right-pointing angle bracket
&loz;	&#9674;	◊	◊	lozenge
&spades;	&#9824;	♠	♠	black spade suit
&clubs;	&#9827;	♣	♣	black club suit
&hearts;	&#9829;	♥	♥	black heart suit
&diams;	&#9830;	♦	♦	black diamond suit

## Markup-Significant and Internationalization Characters

Character entity	Numeric entity	Char	Num	Entity description
&quot;	&#34;	"	"	quotation mark
&amp;	&#38;	&	&	ampersand
&lt;	&#60;	<	<	less-than sign
&gt;	&#62;	>	>	greater-than sign
&OElig;	&#338;	Œ	Œ	latin capital ligature OE
&oelig;	&#339;	œ	œ	latin small ligature oe
&Scaron;	&#352;	Š	Š	latin capital letter S with caron
&scaron;	&#353;	š	š	latin small letter s with caron
&Yuml;	&#376;	Ÿ	Ÿ	latin capital letter Y with diaeresis
&circ;	&#710;	^	^	modifier letter circumflex accent
&tilde;	&#732;	~	~	small tilde
&ensp;	&#8194;			en space
&emsp;	&#8195;			em space
&thinsp;	&#8201;			thin space
&zwnj;	&#8204;			zero width non-joiner
&zwj;	&#8205;			zero width joiner
&lrm;	&#8206;			left-to-right mark
&rlm;	&#8207;			right-to-left mark
&ndash;	&#8211;	—	—	en dash
&mdash;	&#8212;	—	—	em dash
&lsquo;	&#8216;	‘	‘	left single quotation mark
&rsquo;	&#8217;	’	’	right single quotation mark
&sbquo;	&#8218;	,	,	single low-9 quotation mark
&ldquo;	&#8220;	“	“	left double quotation mark
&rdquo;	&#8221;	”	”	right double quotation mark
&bdquo;	&#8222;	„	„	double low-9 quotation mark
&dagger;	&#8224;	†	†	dagger
&Dagger;	&#8225;	‡	‡	double dagger
&permil;	&#8240;	%	%	per mille sign
&Isquo;	&#8249;	‘	‘	single left-pointing angle quotation mark
&rsquo;	&#8250;	’	’	single right-pointing angle quotation mark
&euro;	&#8364;	€	€	euro sign