HTML entities

**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** |
| --- | --- | --- | --- |
|  |  | &#32; | Space |
| **!** |  | &#33; | Exclamation mark |
| **"** |  | &#34; | Quotation mark |
| **#** |  | &#35; | Number sign |
| **$** |  | &#36; | Dollar sign |
| **%** |  | &#37; | Percent sign |
| **&** | &amp; | &#38; | Ampersand |
| **'** |  | &#39; | Apostrophe |
| **(** |  | &#40; | Opening/Left Parenthesis |
| **)** |  | &#41; | Closing/Right Parenthesis |
| **\*** |  | &#42; | Asterisk |
| **+** |  | &#43; | Plus sign |
| **,** |  | &#44; | Comma |
| **-** |  | &#45; | Hyphen |
| **.** |  | &#46; | Period |
| **/** |  | &#47; | Slash |
| **0** |  | &#48; | Digit 0 |
| **1** |  | &#49; | Digit 1 |
| **2** |  | &#50; | Digit 2 |
| **3** |  | &#51; | Digit 3 |
| **4** |  | &#52; | Digit 4 |
| **5** |  | &#53; | Digit 5 |
| **6** |  | &#54; | Digit 6 |
| **7** |  | &#55; | Digit 7 |
| **8** |  | &#56; | Digit 8 |
| **9** |  | &#57; | Digit 9 |
| **:** |  | &#58; | Colon |
| **;** |  | &#59; | Semicolon |
| **<** | &lt; | &#60; | Less-than |
| **=** |  | &#61; | Equals sign |
| **>** | &gt; | &#62; | Greater than |
| **?** |  | &#63; | Question mark |
| **@** |  | &#64; | At sign |
| **A** |  | &#65; | Uppercase A |
| **B** |  | &#66; | Uppercase B |
| **C** |  | &#67; | Uppercase C |
| **D** |  | &#68; | Uppercase D |
| **E** |  | &#69; | Uppercase E |
| **F** |  | &#70; | Uppercase F |
| **G** |  | &#71; | Uppercase G |
| **H** |  | &#72; | Uppercase H |
| **I** |  | &#73; | Uppercase I |
| **J** |  | &#74; | Uppercase J |
| **K** |  | &#75; | Uppercase K |
| **L** |  | &#76; | Uppercase L |
| **M** |  | &#77; | Uppercase M |
| **N** |  | &#78; | Uppercase N |
| **O** |  | &#79; | Uppercase O |
| **P** |  | &#80; | Uppercase P |
| **Q** |  | &#81; | Uppercase Q |
| **R** |  | &#82; | Uppercase R |
| **S** |  | &#83; | Uppercase S |
| **T** |  | &#84; | Uppercase T |
| **U** |  | &#85; | Uppercase U |
| **V** |  | &#86; | Uppercase V |
| **W** |  | &#87; | Uppercase W |
| **X** |  | &#88; | Uppercase X |
| **Y** |  | &#89; | Uppercase Y |
| **Z** |  | &#90; | Uppercase Z |
| **[** |  | &#91; | Opening/Left square bracket |
| **\** |  | &#92; | Backslash |
| **]** |  | &#93; | Closing/Right square bracket |
| **^** |  | &#94; | Caret |
| **\_** |  | &#95; | Underscore |
| **`** |  | &#96; | Grave accent |
| **a** |  | &#97; | Lowercase a |
| **b** |  | &#98; | Lowercase b |
| **c** |  | &#99; | Lowercase c |
| **d** |  | &#100; | Lowercase d |
| **e** |  | &#101; | Lowercase e |
| **f** |  | &#102; | Lowercase f |
| **g** |  | &#103; | Lowercase g |
| **h** |  | &#104; | Lowercase h |
| **i** |  | &#105; | Lowercase i |
| **j** |  | &#106; | Lowercase j |
| **k** |  | &#107; | Lowercase k |
| **l** |  | &#108; | Lowercase l |
| **m** |  | &#109; | Lowercase m |
| **n** |  | &#110; | Lowercase n |
| **o** |  | &#111; | Lowercase o |
| **p** |  | &#112; | Lowercase p |
| **q** |  | &#113; | Lowercase q |
| **r** |  | &#114; | Lowercase r |
| **s** |  | &#115; | Lowercase s |
| **t** |  | &#116; | Lowercase t |
| **u** |  | &#117; | Lowercase u |
| **v** |  | &#118; | Lowercase v |
| **w** |  | &#119; | Lowercase w |
| **x** |  | &#120; | Lowercase x |
| **y** |  | &#121; | Lowercase y |
| **z** |  | &#122; | Lowercase z |
| **{** |  | &#123; | Opening/Left curly brace |
| **|** |  | &#124; | Vertical bar |
| **}** |  | &#125; | Closing/Right curly brace |
| **~** |  | &#126; | Tilde |

**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** | &Agrave; | &#192; | Capital a with grave accent |
| **Á** | &Aacute; | &#193; | Capital a with acute accent |
| **Â** | &Acirc; | &#194; | Capital a with circumflex accent |
| **Ã** | &Atilde; | &#195; | Capital a with tilde |
| **Ä** | &Auml; | &#196; | Capital a with umlaut |
| **Å** | &Aring; | &#197; | Capital a with ring |
| **Æ** | &AElig; | &#198; | Capital ae |
| **Ç** | &Ccedil; | &#199; | Capital c with cedilla |
| **È** | &Egrave; | &#200; | Capital e with grave accent |
| **É** | &Eacute; | &#201; | Capital e with acute accent |
| **Ê** | &Ecirc; | &#202; | Capital e with circumflex accent |
| **Ë** | &Euml; | &#203; | Capital e with umlaut |
| **Ì** | &Igrave; | &#204; | Capital i with grave accent |
| **Í** | &Iacute; | &#205; | Capital i with accute accent |
| **Î** | &Icirc; | &#206; | Capital i with circumflex accent |
| **Ï** | &Iuml; | &#207; | Capital i with umlaut |
| **Ð** | &ETH; | &#208; | Capital eth (Icelandic) |
| **Ñ** | &Ntilde; | &#209; | Capital n with tilde |
| **Ò** | &Ograve; | &#210; | Capital o with grave accent |
| **Ó** | &Oacute; | &#211; | Capital o with accute accent |
| **Ô** | &Ocirc; | &#212; | Capital o with circumflex accent |
| **Õ** | &Otilde; | &#213; | Capital o with tilde |
| **Ö** | &Ouml; | &#214; | Capital o with umlaut |
| **Ø** | &Oslash; | &#216; | Capital o with slash |
| **Ù** | &Ugrave; | &#217; | Capital u with grave accent |
| **Ú** | &Uacute; | &#218; | Capital u with acute accent |
| **Û** | &Ucirc; | &#219; | Capital u with circumflex accent |
| **Ü** | &Uuml; | &#220; | Capital u with umlaut |
| **Ý** | &Yacute; | &#221; | Capital y with acute accent |
| **Þ** | &THORN; | &#222; | Capital thorn (Icelandic) |
| **ß** | &szlig; | &#223; | Lowercase sharp s (German) |
| **à** | &agrave; | &#224; | Lowercase a with grave accent |
| **á** | &aacute; | &#225; | Lowercase a with acute accent |
| **â** | &acirc; | &#226; | Lowercase a with circumflex accent |
| **ã** | &atilde; | &#227; | Lowercase a with tilde |
| **ä** | &auml; | &#228; | Lowercase a with umlaut |
| **å** | &aring; | &#229; | Lowercase a with ring |
| **æ** | &aelig; | &#230; | Lowercase ae |
| **ç** | &ccedil; | &#231; | Lowercase c with cedilla |
| **è** | &egrave; | &#232; | Lowercase e with grave accent |
| **é** | &eacute; | &#233; | Lowercase e with acute accent |
| **ê** | &ecirc; | &#234; | Lowercase e with circumflex accent |
| **ë** | &euml; | &#235; | Lowercase e with umlaut |
| **ì** | &igrave; | &#236; | Lowercase i with grave accent |
| **í** | &iacute; | &#237; | Lowercase i with acute accent |
| **î** | &icirc; | &#238; | Lowercase i with circumflex accent |
| **ï** | &iuml; | &#239; | Lowercase i with umlaut |
| **ð** | &eth; | &#240; | Lowercase eth (Icelandic) |
| **ñ** | &ntilde; | &#241; | Lowercase n with tilde |
| **ò** | &ograve; | &#242; | Lowercase o with grave accent |
| **ó** | &oacute; | &#243; | Lowercase o with acute accent |
| **ô** | &ocirc; | &#244; | Lowercase o with circumflex accent |
| **õ** | &otilde; | &#245; | Lowercase o with tilde |
| **ö** | &ouml; | &#246; | Lowercase o with umlaut |
| **ø** | &oslash; | &#248; | Lowercase o with slash |
| **ù** | &ugrave; | &#249; | Lowercase u with grave accent |
| **ú** | &uacute; | &#250; | Lowercase u with acute accent |
| **û** | &ucirc; | &#251; | Lowercase u with circumflex accent |
| **ü** | &uuml; | &#252; | Lowercase u with umlaut |
| **ý** | &yacute; | &#253; | Lowercase y with acute accent |
| **þ** | &thorn; | &#254; | Lowercase thorn (Icelandic) |
| **ÿ** | &yuml; | &#255; | Lowercase y with umlaut |

**ISO-8859-1 Symbols**

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

| **Symbol** | **Entity Name** | **Entity Number** | **Description** |
| --- | --- | --- | --- |
|  | &nbsp; | &#160; | Non-breaking space |
| **¡** | &iexcl; | &#161; | Inverted exclamation mark |
| **¢** | &cent; | &#162; | Cent |
| **£** | &pound; | &#163; | Pound |
| **¤** | &curren; | &#164; | Currency |
| **¥** | &yen; | &#165; | Yen |
| **¦** | &brvbar; | &#166; | Broken vertical bar |
| **§** | &sect; | &#167; | Section |
| **¨** | &uml; | &#168; | Spacing diaeresis |
| **©** | &copy; | &#169; | Copyright |
| **ª** | &ordf; | &#170; | Feminine ordinal indicator |
| **«** | &laquo; | &#171; | Opening/Left angle quotation mark |
| **¬** | &not; | &#172; | Negation |
| **­** | &shy; | &#173; | Soft hyphen |
| **®** | &reg; | &#174; | Registered trademark |
| **¯** | &macr; | &#175; | Spacing macron |
| **°** | &deg; | &#176; | Degree |
| **±** | &plusmn; | &#177; | Plus or minus |
| **²** | &sup2; | &#178; | Superscript 2 |
| **³** | &sup3; | &#179; | Superscript 3 |
| **´** | &acute; | &#180; | Spacing acute |
| **µ** | &micro; | &#181; | Micro |
| **¶** | &para; | &#182; | Paragraph |
| **¸** | &cedil; | &#184; | Spacing cedilla |
| **¹** | &sup1; | &#185; | Superscript 1 |
| **º** | &ordm; | &#186; | Masculine ordinal indicator |
| **»** | &raquo; | &#187; | Closing/Right angle quotation mark |
| **¼** | &frac14; | &#188; | Fraction 1/4 |
| **½** | &frac12; | &#189; | Fraction 1/2 |
| **¾** | &frac34; | &#190; | Fraction 3/4 |
| **¿** | &iquest; | &#191; | Inverted question mark |
| **×** | &times; | &#215; | Multiplication |
| **÷** | &divide; | &#247; | Divide |

**Math Symbols**

Full list of all supported math symbols in HTML.

| **Symbol** | **Entity Name** | **Entity Number** | **Description** |
| --- | --- | --- | --- |
| **∀** | &forall; | &#8704; | For all |
| **∂** | &part; | &#8706; | Part |
| **∃** | &exist; | &#8707; | Exist |
| **∅** | &empty; | &#8709; | Empty |
| **∇** | &nabla; | &#8711; | Nabla |
| **∈** | &isin; | &#8712; | Is in |
| **∉** | &notin; | &#8713; | Not in |
| **∋** | &ni; | &#8715; | Ni |
| **∏** | &prod; | &#8719; | Product |
| **∑** | &sum; | &#8721; | Sum |
| **−** | &minus; | &#8722; | Minus |
| **∗** | &lowast; | &#8727; | Asterisk (Lowast) |
| **√** | &radic; | &#8730; | Square root |
| **∝** | &prop; | &#8733; | Proportional to |
| **∞** | &infin; | &#8734; | Infinity |
| **∠** | &ang; | &#8736; | Angle |
| **∧** | &and; | &#8743; | And |
| **∨** | &or; | &#8744; | Or |
| **∩** | &cap; | &#8745; | Cap |
| **∪** | &cup; | &#8746; | Cup |
| **∫** | &int; | &#8747; | Integral |
| **∴** | &there4; | &#8756; | Therefore |
| **∼** | &sim; | &#8764; | Similar to |
| **≅** | &cong; | &#8773; | Congurent to |
| **≈** | &asymp; | &#8776; | Almost equal |
| **≠** | &ne; | &#8800; | Not equal |
| **≡** | &equiv; | &#8801; | Equivalent |
| **≤** | &le; | &#8804; | Less or equal |
| **≥** | &ge; | &#8805; | Greater or equal |
| **⊂** | &sub; | &#8834; | Subset of |
| **⊃** | &sup; | &#8835; | Superset of |
| **⊄** | &nsub; | &#8836; | Not subset of |
| **⊆** | &sube; | &#8838; | Subset or equal |
| **⊇** | &supe; | &#8839; | Superset or equal |
| **⊕** | &oplus; | &#8853; | Circled plus |
| **⊗** | &otimes; | &#8855; | Circled times |
| **⊥** | &perp; | &#8869; | Perpendicular |
| **⋅** | &sdot; | &#8901; | Dot operator |

**Greek Letters**

Full list of all supported greek letters in HTML.

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

**Miscellaneous HTML entities**

List of miscellaneous HTML entities.

| **Symbol** | **Entity Name** | **Entity Number** | **Description** |
| --- | --- | --- | --- |
| **Œ** | &OElig; | &#338; | Uppercase ligature OE |
| **œ** | &oelig; | &#339; | Lowercase ligature OE |
| **Š** | &Scaron; | &#352; | Uppercase S with caron |
| **š** | &scaron; | &#353; | Lowercase S with caron |
| **Ÿ** | &Yuml; | &#376; | Capital Y with diaeres |
| **ƒ** | &fnof; | &#402; | Lowercase with hook |
| **ˆ** | &circ; | &#710; | Circumflex accent |
| **˜** | &tilde; | &#732; | 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 |
| **•** | &bull; | &#8226; | Bullet |
| **…** | &hellip; | &#8230; | Horizontal ellipsis |
| **‰** | &permil; | &#8240; | Per mille |
| **′** | &prime; | &#8242; | Minutes (Degrees) |
| **″** | &Prime; | &#8243; | Seconds (Degrees) |
| **‹** | &lsaquo; | &#8249; | Single left angle quotation |
| **›** | &rsaquo; | &#8250; | Single right angle quotation |
| **‾** | &oline; | &#8254; | Overline |
| **€** | &euro; | &#8364; | Euro |
| **™** | &trade; | &#8482; | Trademark |
| **←** | &larr; | &#8592; | Left arrow |
| **↑** | &uarr; | &#8593; | Up arrow |
| **→** | &rarr; | &#8594; | Right arrow |
| **↓** | &darr; | &#8595; | Down arrow |
| **↔** | &harr; | &#8596; | Left right arrow |
| **↵** | &crarr; | &#8629; | Carriage return arrow |
| **⌈** | &lceil; | &#8968; | Left ceiling |
| **⌉** | &rceil; | &#8969; | Right ceiling |
| **⌊** | &lfloor; | &#8970; | Left floor |
| **⌋** | &rfloor; | &#8971; | Right floor |
| **◊** | &loz; | &#9674; | Lozenge |
| **♠** | &spades; | &#9824; | Spade |
| **♣** | &clubs; | &#9827; | Club |
| **♥** | &hearts; | &#9829; | Heart |
| **♦** | &diams; | &#9830; | Diamond |