

HTML and CSS Technical Articles

CSS Compatibility and Internet Explorer

With each new release of Windows Internet Explorer, support for the Cascading Style Sheets (CSS) standard has steadily improved. Internet Explorer 6 was the first fully CSS, Level 1-compliant version of Internet Explorer. Windows Internet Explorer 8 is fully compliant with the CSS, Level 2 Revision 1 (CSS 2.1) specification and supports some features of CSS Level 3 (CSS 3).

If your Web site targets browsers that include earlier versions of Internet Explorer, you want to know the level of CSS compliance for those versions. This article provides an at-a-glance look at CSS compliance across recent versions of Internet Explorer, including support in Internet Explorer 8.

Note CSS features that are new to Internet Explorer 8 will only work when your page is rendered in IE8 mode (or higher). You can ensure your page displays in IE8 mode by including the following meta tag in your page's head section:

```
<meta http-equiv="X-UA-Compatible" content="IE=8" />
```

For more information on document compatibility modes, see [Defining Document Compatibility](http://msdn.microsoft.com/en-us/library/cc288325(VS.85).aspx) [[http://msdn.microsoft.com/en-us/library/cc288325\(VS.85\).aspx](http://msdn.microsoft.com/en-us/library/cc288325(VS.85).aspx)] .

This article's organization is loosely based on that of the [CSS reference documentation](http://msdn2.microsoft.com/en-us/library/ms531209.aspx) [<http://msdn2.microsoft.com/en-us/library/ms531209.aspx>] on MSDN. It contains the following sections:

[Introduction](#)

[At-rules](#)

[Selectors](#)

[Element Selectors](#)

[Attribute Selectors](#)

[Combinators](#)

[Pseudo-classes](#)

[Pseudo-elements](#)

[Attributes](#)

[Lists](#)

[Color and Background](#)

[Font and Text](#)

[Generated Content](#)

[Border and Layout](#)

[Positioning](#)

[Printing](#)

[User Interface](#)

[Multi-column Layout](#)

[Speech](#)

[Media Queries](#)

[Values](#)

[Numbers](#)

[Strings](#)

[Shapes](#)

[Functions](#)

[Colors](#)

[Keywords](#)

[Units](#)

Introduction

Each table lists support status information for grouped CSS features across recent versions of Internet Explorer. In each section, the first table represents features introduced in CSS 2.1 or earlier, and the second table represents features planned (by the World Wide Web Consortium (W3C)) for CSS 3.

A value of "Yes" in a cell indicates that that feature is implemented in that version of Internet Explorer.

A value of "Partial" in a cell indicates that that feature is only partially implemented in that version of Internet Explorer. For more information, click the link to view that feature's reference page on MSDN.

A value of "No" in a cell indicates that that feature is not implemented in that version of Internet Explorer.

At-rules

CSS 2.1:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
@charset [http://msdn2.microsoft.com/en-us/library/ms530746.aspx]	No	Yes	Yes	Yes	Yes
@import [http://msdn2.microsoft.com/en-us/library/ms530768.aspx]	Yes	Yes	Yes	Yes	Yes
@media [http://msdn2.microsoft.com/en-us/library/ms530813.aspx]	No	Yes	Yes	Yes	Yes
@page [http://msdn2.microsoft.com/en-us/library/ms530841.aspx]	Partial	Partial	Partial	Partial	Yes

CSS 3:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
@font-face [http://msdn2.microsoft.com/en-us/library/ms530757.aspx]	No	Yes	Yes	Yes	Yes
@namespace	No	No	No	No	No

Selectors

Element Selectors

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
<i>.value</i> { sRules }	Class [http://msdn2.microsoft.com/en-us/library/aa358820.aspx] (see Note)	Partial	Partial	Partial	Yes	Yes
<i>#value</i> { sRules }	ID [http://msdn2.microsoft.com/en-us/library/aa358826.aspx]	Yes	Yes	Yes	Yes	Yes
<i>E</i> { sRules }	Type [http://msdn2.microsoft.com/en-us/library/aa358830.aspx]	Yes	Yes	Yes	Yes	Yes

*	Universal	No	No	No	Yes	Yes
{ sRules }	[http://msdn2.microsoft.com/en-us/library/aa358831.aspx]					

Note Prior to Internet Explorer 7, there was a two-class selector limit per element.

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
ns E	Namespaced	No	No	No	No	No
{ sRules }						

Attribute Selectors

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
[att=va/]	Equality [=]	No	No	No	Yes	Yes
{ sRules }	[http://msdn2.microsoft.com/en-us/library/aa358822.aspx]					
[att]	Existence []	No	No	No	Yes	Yes
{ sRules }	[http://msdn2.microsoft.com/en-us/library/aa358823.aspx]					
[att =va/]	Hyphen [=]	No	No	No	Yes	Yes
{ sRules }	[http://msdn2.microsoft.com/en-us/library/aa358825.aspx]					
[att~=va/]	Whitespace [~=]	No	No	No	Yes	Yes
{ sRules }	[http://msdn2.microsoft.com/en-us/library/aa358832.aspx]					

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
[ns attr]	Namespaced	No	No	No	Yes	Yes
{ sRules }						
[att^=va/]	Prefix [^=]	No	No	No	Yes	Yes
{ sRules }	[http://msdn2.microsoft.com/en-us/library/aa358827.aspx]					
[att*=va/]	Substring [*=]	No	No	No	Yes	Yes
{ sRules }	[http://msdn2.microsoft.com/en-us/library/aa358828.aspx]					
[att\$=va/]	Suffix [\$=]	No	No	No	Yes	Yes
{ sRules }	[http://msdn2.microsoft.com/en-us/library/aa358829.aspx]					

Combinators

CSS 2.1:

Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
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$E + F$ { sRules }	Adjacent Sibling (+) [http://msdn2.microsoft.com/en-us/library/aa358818.aspx]	No	No	No	Yes	Yes
$E > F$ { sRules }	Child (>) [http://msdn2.microsoft.com/en-us/library/aa358819.aspx]	No	No	No	Yes	Yes
$E F$ { sRules }	Descendant [http://msdn2.microsoft.com/en-us/library/aa358821.aspx]	Yes	Yes	Yes	Yes	Yes

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
$E \sim F$ { sRules }	General Sibling (~) [http://msdn2.microsoft.com/en-us/library/aa358824.aspx]	No	No	No	Yes	Yes

Pseudo-classes

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
:active { sRules }	:active [http://msdn2.microsoft.com/en-us/library/ms530714.aspx]	No	No	No	Partial	Yes
:first-child { sRules }	:first-child [http://msdn2.microsoft.com/en-us/library/ms530712.aspx]	No	No	No	Yes	Yes
:focus { sRules }	:focus [http://msdn2.microsoft.com/en-us/library/cc304080.aspx]	No	No	No	No	Yes
:hover { sRules }	:hover [http://msdn2.microsoft.com/en-us/library/ms530766.aspx]	Partial	Partial	Partial	Yes	Yes
:lang(C) { sRules }	:lang() [http://msdn2.microsoft.com/en-us/library/cc848867(VS.85).aspx]	No	No	No	No	Yes
:link { sRules }	:link [http://msdn2.microsoft.com/en-us/library/ms530787.aspx]	Yes	Yes	Yes	Yes	Yes
:visited { sRules }	:visited [http://msdn2.microsoft.com/en-us/library/ms531181.aspx]	Yes	Yes	Yes	Yes	Yes
@page :first { sRules }	@page :first [http://msdn2.microsoft.com/en-us/library/ms530841.aspx]	No	No	No	No	Yes
@page :left { sRules }	@page :left [http://msdn2.microsoft.com/en-us/library/ms530841.aspx]	No	No	No	No	Yes
@page :right { sRules }	@page :right [http://msdn2.microsoft.com/en-us/library/ms530841.aspx]	No	No	No	No	Yes

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
:root { sRules }	:root	No	No	No	No	No
:nth-child() { sRules }	:nth-child()	No	No	No	No	No
:nth-last-child() { sRules }	:nth-last-child()	No	No	No	No	No
:nth-of-type() { sRules }	:nth-of-type()	No	No	No	No	No
:nth-last-of-type() { sRules }	:nth-last-of-type()	No	No	No	No	No
:last-child { sRules }	:last-child	No	No	No	No	No
:first-of-type { sRules }	:first-of-type	No	No	No	No	No
:last-of-type { sRules }	:last-of-type	No	No	No	No	No
:only-child { sRules }	:only-child	No	No	No	No	No
:only-of-type { sRules }	:only-of-type	No	No	No	No	No
:empty { sRules }	:empty	No	No	No	No	No
:target { sRules }	:target	No	No	No	No	No
:not(X) { sRules }	:not()	No	No	No	No	No
:enabled { sRules }	:enabled	No	No	No	No	No
:disabled { sRules }	:disabled	No	No	No	No	No
:checked { sRules }	:checked	No	No	No	No	No
:indeterminate { sRules }	:indeterminate	No	No	No	No	No
:default { sRules }	:default	No	No	No	No	No
:valid { sRules }	:valid	No	No	No	No	No
:invalid { sRules }	:invalid	No	No	No	No	No
:in-range { sRules }	:in-range	No	No	No	No	No
:out-of-range { sRules }	:out-of-range	No	No	No	No	No
:required { sRules }	:required	No	No	No	No	No
:optional { sRules }	:optional	No	No	No	No	No
:read-only { sRules }	:read-only	No	No	No	No	No
:read-write { sRules }	:read-write	No	No	No	No	No

Pseudo-elements

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
:after { sRules }	:after [http://msdn2.microsoft.com/en-us/library/cc304076.aspx]	No	No	No	No	Yes
:before { sRules }	:before [http://msdn2.microsoft.com/en-us/library/cc304078.aspx]	No	No	No	No	Yes
:first-letter { sRules }	:first-letter [http://msdn2.microsoft.com/en-us/library/ms530753.aspx]	No	Yes	Yes	Yes	Yes
:first-line { sRules }	:first-line [http://msdn2.microsoft.com/en-us/library/ms530754.aspx]	No	Yes	Yes	Yes	Yes

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
::before { sRules }	::before	No	No	No	No	No
::after { sRules }	::after	No	No	No	No	No
::first-letter { sRules }	::first-letter	No	No	No	No	No
::first-line { sRules }	::first-line	No	No	No	No	No
::selection { sRules }	::selection	No	No	No	No	No
::value { sRules }	::value	No	No	No	No	No
::choices { sRules }	::choices	No	No	No	No	No
::repeat-item { sRules }	::repeat-item	No	No	No	No	No
::repeat-index { sRules }	::repeat-index	No	No	No	No	No

Attributes

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ sRule! important }	!important Declaration [http://msdn2.microsoft.com/en-us/library/ms530769.aspx]	Partial	Partial	Partial	Yes	Yes

Lists

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ list-style :	list-style	Yes	Yes	Yes	Yes	Yes
sStyle }	[http://msdn2.microsoft.com/en-us/library/ms530789.aspx]					
{ list-style	list-style-image	Yes	Yes	Yes	Yes	Yes
-image :	[http://msdn2.microsoft.com/en-us/library/ms530793.aspx]					
sStyle }						
{ list-style	list-style-position	Yes	Yes	Yes	Yes	Yes
-position :	[http://msdn2.microsoft.com/en-us/library/ms530795.aspx]					
sStyle }						
{ list-style	list-style-type	No	No	No	Partial	Yes
-type :	[http://msdn2.microsoft.com/en-us/library/ms530797.aspx]					
sStyle }						

Color and Background

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ color :	color	Yes	Yes	Yes	Yes	Yes
sColor }	[http://msdn2.microsoft.com/en-us/library/ms530749.aspx]					
{ background :	background	Yes	Yes	Yes	Yes	Yes
sBackground }	[http://msdn2.microsoft.com/en-us/library/ms530722.aspx]					
{ background-attachment :	background-attachment	Partial	Partial	Partial	Yes	Yes
sAttachment }	[http://msdn2.microsoft.com/en-us/library/ms530715.aspx]					
{ background-color :	background-color	Yes	Yes	Yes	Yes	Yes
sColor }	[http://msdn2.microsoft.com/en-us/library/ms530716.aspx]					
{ background-image :	background-image	Yes	Yes	Yes	Yes	Yes
sLocation }	[http://msdn2.microsoft.com/en-us/library/ms530717.aspx]					
{ background-position :	background-position	Partial	Partial	Partial	Partial	Yes
sPosition }	[http://msdn2.microsoft.com/en-us/library/ms530718.aspx]					
{ background-repeat :	background-repeat	Yes	Yes	Yes	Yes	Yes
sRepeat }	[http://msdn2.microsoft.com/en-us/library/ms530721.aspx]					

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ color-profile :	color-profile	No	No	No	No	No
sProfile }						
{ rendering-intent :	rendering-intent	No	No	No	No	No
sIntent }						
{ background :	background (multiple)	No	No	No	No	No
sBackground1,						
sBackground2,						
etc. }						

{ background-clip : sClip }	background-clip	No	No	No	No	No
{ background-origin : sOrigin }	background-origin	No	No	No	No	No
{ background-break : sBreak }	background-break	No	No	No	No	No
{ background-size : sSize }	background-size	No	No	No	No	No

Font and Text

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ direction : sDirection }	direction [http://msdn2.microsoft.com/en-us/library/ms530750.aspx]	Yes	Yes	Yes	Yes	Yes
{ font : sFont }	font [http://msdn2.microsoft.com/en-us/library/ms530756.aspx]	Yes	Yes	Yes	Yes	Yes
{ font-family : sFamily }	font-family [http://msdn2.microsoft.com/en-us/library/ms530758.aspx]	Yes	Yes	Yes	Yes	Yes
{ font-size : sSize }	font-size [http://msdn2.microsoft.com/en-us/library/ms530759.aspx]	Yes	Yes	Yes	Yes	Yes
{ font-style : sStyle }	font-style [http://msdn2.microsoft.com/en-us/library/ms530760.aspx]	Yes	Yes	Yes	Yes	Yes
{ font-variant : sVariant }	font-variant [http://msdn2.microsoft.com/en-us/library/ms530761.aspx]	Yes	Yes	Yes	Yes	Yes
{ font-weight : sWeight }	font-weight [http://msdn2.microsoft.com/en-us/library/ms530762.aspx]	Partial	Partial	Partial	Partial	Yes
{ letter-spacing : sSpacing }	letter-spacing [http://msdn2.microsoft.com/en-us/library/ms530780.aspx]	Yes	Yes	Yes	Yes	Yes
{ line-height : sHeight }	line-height [http://msdn2.microsoft.com/en-us/library/ms530784.aspx]	Yes	Yes	Yes	Yes	Yes
{ text-align : sAlign }	text-align [http://msdn2.microsoft.com/en-us/library/ms531162.aspx]	Yes	Yes	Yes	Yes	Yes
{ text-decoration : sDecoration }	text-decoration [http://msdn2.microsoft.com/en-us/library/ms531165.aspx]	Yes	Yes	Yes	Yes	Yes
{ text-indent : sIndent }	text-indent [http://msdn2.microsoft.com/en-us/library/ms531171.aspx]	Yes	Yes	Yes	Yes	Yes
{ text-transform : sTransform }	text-transform [http://msdn2.microsoft.com/en-us/library/ms531175.aspx]	Yes	Yes	Yes	Yes	Yes

{ unicode-bidi : sAlign }	unicode-bidi [http://msdn2.microsoft.com/en-us/library/ms531178.aspx]	Yes	Yes	Yes	Yes	Yes
{ vertical-align : sAlign }	vertical-align [http://msdn2.microsoft.com/en-us/library/ms531179.aspx]	Yes	Yes	Yes	Yes	Yes
{ white-space : sWrap }	white-space [http://msdn2.microsoft.com/en-us/library/ms531182.aspx]	Partial	Partial	Partial	Partial	Yes
{ word-spacing : sSpacing }	word-spacing [http://msdn2.microsoft.com/en-us/library/ms531185.aspx]	Partial	Partial	Partial	Partial	Yes

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ font-effect : sEffect }	font-effect	No	No	No	No	No
{ font-emphasize : sEmphasize }	font-emphasize	No	No	No	No	No
{ font-size-adjust : sSizeAdjust }	font-size-adjust	No	No	No	No	No
{ font-smooth : sSmooth }	font-smooth	No	No	No	No	No
{ font-stretch : sStretch }	font-stretch	No	No	No	No	No
{ hanging-punctuation : sHangingPunctuation }	hanging-punctuation	No	No	No	No	No
{ punctuation-trim : sTrim }	punctuation-trim	No	No	No	No	No
{ ruby-align : sRubyAlign }	ruby-align [http://msdn2.microsoft.com/en-us/library/ms531150.aspx]	Yes	Yes	Yes	Yes	Yes
{ ruby-overhang : sRubyOverhang }	ruby-overhang [http://msdn2.microsoft.com/en-us/library/ms531151.aspx]	Yes	Yes	Yes	Yes	Yes
{ ruby-position : sRubyPlacement }	ruby-position [http://msdn2.microsoft.com/en-us/library/ms531152.aspx]	Yes	Yes	Yes	Yes	Yes
{ ruby-span : sRubySpan }	ruby-span	No	No	No	No	No
{ text-align-last : sAlignLast }	text-align-last [http://msdn2.microsoft.com/en-us/library/ms531163.aspx]	Partial	Partial	Partial	Partial	Partial
{ text-emphasis : sEmphasis }	text-emphasis	No	No	No	No	No
{ text-justify : sJustify }	text-justify [http://msdn2.microsoft.com/en-us/library/ms531172.aspx]	No	Yes	Yes	Yes	Yes
{ text-outline : sOutline }	text-outline	No	No	No	No	No

{ text-overflow : sOverflow }	text-overflow [http://msdn2.microsoft.com/en-us/library/ms531174.aspx]	No	Partial	Partial	Partial	Partial
{ text-shadow : sShadow }	text-shadow	No	No	No	No	No
{ text-wrap : sWrap }	text-wrap	No	No	No	No	No
{ word-break : sBreak }	word-break [http://msdn2.microsoft.com/en-us/library/ms531184.aspx]	Partial	Partial	Partial	Partial	Partial
{ word-wrap : sWrap }	word-wrap [http://msdn2.microsoft.com/en-us/library/ms531186.aspx]	Yes	Yes	Yes	Yes	Yes
{ writing-mode : sFlow }	writing-mode [http://msdn2.microsoft.com/en-us/library/ms531187.aspx]	Yes	Yes	Yes	Yes	Yes

Generated Content

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ content : sContent }	content [http://msdn2.microsoft.com/en-us/library/cc304061.aspx]	No	No	No	No	Yes
{ counter-increment : sCounter }	counter-increment [http://msdn2.microsoft.com/en-us/library/cc196963.aspx]	No	No	No	No	Yes
{ counter-reset : sCounter }	counter-reset [http://msdn2.microsoft.com/en-us/library/cc196964.aspx]	No	No	No	No	Yes
{ quotes : sQuotes }	quotes [http://msdn2.microsoft.com/en-us/library/cc848904(VS.85).aspx]	No	No	No	No	Yes

Border and Layout

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ border : sBorder }	border [http://msdn2.microsoft.com/en-us/library/ms530744.aspx]	Yes	Yes	Yes	Yes	Yes
{ border-bottom : sBottom }	border-bottom [http://msdn2.microsoft.com/en-us/library/ms530724.aspx]	No	Yes	Yes	Yes	Yes
{ border-bottom-color : sColor }	border-bottom-color [http://msdn2.microsoft.com/en-us/library/ms530725.aspx]	Yes	Yes	Yes	Yes	Yes
{ border-bottom-style : sStyle }	border-bottom-style [http://msdn2.microsoft.com/en-us/library/ms530726.aspx]	No	Yes	Yes	Yes	Yes

{ border-bottom-width : sWidth }	border-bottom-width [http://msdn2.microsoft.com/en-us/library/ms530727.aspx]	No	Yes	Yes	Yes	Yes
{ border-collapse : sCollapse }	border-collapse [http://msdn2.microsoft.com/en-us/library/ms530728.aspx]	Partial	Partial	Partial	Partial	Yes
{ border-color : sColor }	border-color [http://msdn2.microsoft.com/en-us/library/ms530729.aspx]	Yes	Yes	Yes	Yes	Yes
{ border-left : sLeft }	border-left [http://msdn2.microsoft.com/en-us/library/ms530730.aspx]	No	Yes	Yes	Yes	Yes
{ border-left-color : sColor }	border-left-color [http://msdn2.microsoft.com/en-us/library/ms530731.aspx]	Yes	Yes	Yes	Yes	Yes
{ border-left-style : sStyle }	border-left-style [http://msdn2.microsoft.com/en-us/library/ms530732.aspx]	No	Yes	Yes	Yes	Yes
{ border-left-width : sWidth }	border-left-width [http://msdn2.microsoft.com/en-us/library/ms530733.aspx]	No	Yes	Yes	Yes	Yes
{ border-right : sRight }	border-right [http://msdn2.microsoft.com/en-us/library/ms530734.aspx]	No	Yes	Yes	Yes	Yes
{ border-right-color : sColor }	border-right-color [http://msdn2.microsoft.com/en-us/library/ms530735.aspx]	Yes	Yes	Yes	Yes	Yes
{ border-right-style : sStyle }	border-right-style [http://msdn2.microsoft.com/en-us/library/ms530736.aspx]	No	Yes	Yes	Yes	Yes
{ border-right-width : sWidth }	border-right-width [http://msdn2.microsoft.com/en-us/library/ms530737.aspx]	No	Yes	Yes	Yes	Yes
{ border-spacing : sSpacing }	border-spacing [http://msdn2.microsoft.com/en-us/library/cc304069.aspx]	No	No	No	No	Yes
{ border-style : sStyle }	border-style [http://msdn2.microsoft.com/en-us/library/ms530738.aspx]	No	Partial	Partial	Partial	Yes
{ border-top : sTop }	border-top [http://msdn2.microsoft.com/en-us/library/ms530739.aspx]	No	Yes	Yes	Yes	Yes
{ border-top-color : sColor }	border-top-color [http://msdn2.microsoft.com/en-us/library/ms530740.aspx]	Yes	Yes	Yes	Yes	Yes
{ border-top-style : sStyle }	border-top-style [http://msdn2.microsoft.com/en-us/library/ms530741.aspx]	No	Yes	Yes	Yes	Yes
{ border-top-width : sWidth }	border-top-width [http://msdn2.microsoft.com/en-us/library/ms530742.aspx]	No	Yes	Yes	Yes	Yes
{ border-width : sWidth }	border-width [http://msdn2.microsoft.com/en-us/library/ms530743.aspx]	Yes	Yes	Yes	Yes	Yes

{ caption-side : sLocation }	caption-side [http://msdn2.microsoft.com/en-us/library/cc304060.aspx]	No	No	No	No	Yes
{ clear : sClear }	clear [http://msdn2.microsoft.com/en-us/library/ms530747.aspx]	Yes	Yes	Yes	Yes	Yes
{ empty-cells : sEmptyCells }	empty-cells [http://msdn.microsoft.com/en-us/library/cc848860(VS.85).aspx]	No	No	No	Partial	Yes
{ float : sFloat }	float [http://msdn2.microsoft.com/en-us/library/ms530755.aspx]	Yes	Yes	Yes	Yes	Yes
{ margin : sMargin }	margin [http://msdn2.microsoft.com/en-us/library/ms530799.aspx]	Yes	Yes	Yes	Yes	Yes
{ margin-bottom : sHeight }	margin-bottom [http://msdn2.microsoft.com/en-us/library/ms530802.aspx]	Yes	Yes	Yes	Yes	Yes
{ margin-left : sWidth }	margin-left [http://msdn2.microsoft.com/en-us/library/ms530804.aspx]	Yes	Yes	Yes	Yes	Yes
{ margin-right : sWidth }	margin-right [http://msdn2.microsoft.com/en-us/library/ms530806.aspx]	Yes	Yes	Yes	Yes	Yes
{ margin-top : sHeight }	margin-top [http://msdn2.microsoft.com/en-us/library/ms530808.aspx]	Yes	Yes	Yes	Yes	Yes
{ padding : sPadding }	padding [http://msdn2.microsoft.com/en-us/library/ms530830.aspx]	Yes	Yes	Yes	Yes	Yes
{ padding-bottom : sPadding }	padding-bottom [http://msdn2.microsoft.com/en-us/library/ms530832.aspx]	Yes	Yes	Yes	Yes	Yes
{ padding-left : sPadding }	padding-left [http://msdn2.microsoft.com/en-us/library/ms530835.aspx]	Yes	Yes	Yes	Yes	Yes
{ padding-right : sPadding }	padding-right [http://msdn2.microsoft.com/en-us/library/ms530837.aspx]	Yes	Yes	Yes	Yes	Yes
{ padding-top : sPadding }	padding-top [http://msdn2.microsoft.com/en-us/library/ms530839.aspx]	Yes	Yes	Yes	Yes	Yes
{ table-layout : sLayout }	table-layout [http://msdn2.microsoft.com/en-us/library/ms531161.aspx]	Yes	Yes	Yes	Yes	Yes

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ border-break : sBreak }	border-break	No	No	No	No	No
{ border-image : sImage }	border-image	No	No	No	No	No

{ border-radius : sRadius }	border-radius	No	No	No	No	No
{ box-shadow : sShadow }	box-shadow	No	No	No	No	No

Positioning

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ bottom : sBottom }	bottom [http://msdn2.microsoft.com/en-us/library/ms530745.aspx]	No	Partial	Partial	Partial	Yes
{ clip : sClip }	clip [http://msdn2.microsoft.com/en-us/library/ms530748.aspx]	No	Yes	Yes	Yes	Yes
{ display : sDisplay }	display [http://msdn2.microsoft.com/en-us/library/ms530751.aspx]	Partial	Partial	Partial	Partial	Yes
{ height : sHeight }	height [http://msdn2.microsoft.com/en-us/library/ms530765.aspx]	Yes	Yes	Yes	Yes	Yes
{ left : sPosition }	left [http://msdn2.microsoft.com/en-us/library/ms530778.aspx]	No	Partial	Partial	Partial	Yes
{ max-height : sMaxHeight }	max-height [http://msdn2.microsoft.com/en-us/library/ms530809.aspx]	No	No	No	Yes	Yes
{ max-width : sWidth }	max-width [http://msdn2.microsoft.com/en-us/library/ms530811.aspx]	No	No	No	Yes	Yes
{ min-height : sMinHeight }	min-height [http://msdn2.microsoft.com/en-us/library/ms530815.aspx]	No	No	No	Yes	Yes
{ min-width : sMinWidth }	min-width [http://msdn2.microsoft.com/en-us/library/ms530820.aspx]	No	No	No	Yes	Yes
{ overflow : sOverflow }	overflow [http://msdn2.microsoft.com/en-us/library/ms530824.aspx]	Partial	Partial	Partial	Yes	Yes
{ position : sPosition }	position [http://msdn2.microsoft.com/en-us/library/ms531140.aspx]	Partial	Partial	Partial	Yes	Yes
{ right : sPosition }	right [http://msdn2.microsoft.com/en-us/library/ms531149.aspx]	No	Partial	Partial	Partial	Yes
{ top : sTop }	top [http://msdn2.microsoft.com/en-us/library/ms531177.aspx]	No	Partial	Partial	Partial	Yes
{ visibility : sVisibility }	visibility [http://msdn2.microsoft.com/en-us/library/ms531180.aspx]	Yes	Yes	Yes	Yes	Yes
{ width : sWidth }	width [http://msdn2.microsoft.com/en-us/library/ms531183.aspx]	Yes	Yes	Yes	Yes	Yes

{ z-index :	z-index	Partial	Partial	Partial	Partial	Yes
vOrder }	[http://msdn2.microsoft.com/en-us/library/ms531188.aspx]					

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ overflow-x :	overflow-x	Partial	Partial	Partial	Yes	Yes
sOverflow }	[http://msdn2.microsoft.com/en-us/library/ms530826.aspx]					
{ overflow-y :	overflow-y	Partial	Partial	Partial	Yes	Yes
sOverflow }	[http://msdn2.microsoft.com/en-us/library/ms530829.aspx]					

Printing

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ orphans :	orphans	No	No	No	No	Yes
nLines }	[http://msdn2.microsoft.com/en-us/library/cc304062.aspx]					
{ page-break-after :	page-break-after	Yes	Yes	Yes	Yes	Yes
sBreak }	[http://msdn2.microsoft.com/en-us/library/ms530842.aspx]					
{ page-break-before :	page-break-before	Yes	Yes	Yes	Yes	Yes
sBreak }	[http://msdn2.microsoft.com/en-us/library/ms530844.aspx]					
{ page-break-inside :	page-break-inside	No	No	No	No	Yes
sBreak }	[http://msdn2.microsoft.com/en-us/library/cc304067.aspx]					
{ widows :	widows	No	No	No	No	Yes
nLines }	[http://msdn2.microsoft.com/en-us/library/cc304068.aspx]					

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ fit : sFit }	fit	No	No	No	No	No
{ fit-position :	fit-position	No	No	No	No	No
sPosition }						
{ image-orientation :	image-orientation	No	No	No	No	No
sOrientation }						
{ page : sPage }	page	No	No	No	No	No
{ size : sSize }	size	No	No	No	No	No

User Interface

CSS 2.1:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ cursor :	cursor	No	Yes	Yes	Yes	Yes
sCursor }	[http://msdn2.microsoft.com/en-us/library/aa358795.aspx]					
{ outline :	outline	No	No	No	No	Yes
sOutline }	[http://msdn2.microsoft.com/en-us/library/cc304063.aspx]					
{ outline-color :	outline-color	No	No	No	No	Yes
sColor }	[http://msdn2.microsoft.com/en-us/library/cc304064.aspx]					
{ outline-style :	outline-style	No	No	No	No	Yes
sStyle }	[http://msdn2.microsoft.com/en-us/library/cc304065.aspx]					
{ outline-width :	outline-width	No	No	No	No	Yes
sWidth }	[http://msdn2.microsoft.com/en-us/library/cc304066.aspx]					

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ appearance :	appearance	No	No	No	No	No
sAppearance }						
{ box-sizing :	box-sizing	No	No	No	No	Yes
sSizing }	[http://msdn.microsoft.com/en-us/library/cc196965(VS.85).aspx]					
{ icon :	icon	No	No	No	No	No
sIcon }						
{ nav-down :	nav-down	No	No	No	No	No
sNavDown }						
{ nav-index :	nav-index	No	No	No	No	No
sIndex }						
{ nav-left :	nav-left	No	No	No	No	No
sNavLeft }						
{ nav-right :	nav-right	No	No	No	No	No
sNavRight }						
{ nav-up :	nav-up	No	No	No	No	No
sNavUp }						
{ outline-offset :	outline-offset	No	No	No	No	No
sOffset }						
{ outline-radius :	outline-radius	No	No	No	No	No
sRadius }						
{ resize :	resize	No	No	No	No	No
sResize }						

Multi-column Layout

CSS 3:

		Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
{ column-break-after : sSize }	column-break-after	No	No	No	No	No
{ column-break-before : sSize }	column-break-before	No	No	No	No	No
{ column-break-inside : sSize }	column-break-inside	No	No	No	No	No
{ column-count : sCount }	column-count	No	No	No	No	No
{ column-gap : sSize }	column-gap	No	No	No	No	No
{ column-rule : sRule }	column-rule	No	No	No	No	No
{ columns : sColumns }	columns	No	No	No	No	No

Speech

None of the following CSS 3 speech attributes supported in Internet Explorer:

- voice-volume
- voice-balance
- speak
- pause
- pause-after
- pause-before
- rest
- rest-before
- rest-after
- cue
- cue-after
- cue-before
- mark
- mark-before
- mark-after
- voice-family
- voice-rate
- voice-pitch
- voice-pitch-range
- voice-stress
- voice-duration
- phonemes

Media Queries

None of the following CSS 3 media query attributes is supported in Internet Explorer:

- width
- height
- device-width
- device-height
- device-aspect-ratio
- color
- color-index

monochrome
resolution
scan
grid

Values

Numbers

CSS 2.1:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
<i><number></i>	Yes	Yes	Yes	Yes	Yes
<i><length></i>	Yes	Yes	Yes	Yes	Yes
<i><percentage></i>	Yes	Yes	Yes	Yes	Yes
<i><integer></i>	Yes	Yes	Yes	Yes	Yes

CSS 3:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
<i><angle></i>	No	No	No	No	No
<i><time></i>	No	No	No	No	No
<i><frequency></i>	No	No	No	No	No

Strings

CSS 2.1:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
<i><string></i>	Yes	Yes	Yes	Yes	Yes
<i>\code</i>	No	No	Yes	Yes	Yes

Shapes

CSS 2.1:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
rect()	No	Yes	Yes	Yes	Yes

Functions

CSS 2.1:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
url()	Yes	Yes	Yes	Yes	Yes
counter()	No	No	No	No	Yes
attr()	No	No	No	No	Yes

CSS 3:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
calc	No	No	No	No	No
0					

Colors

CSS 2.1:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
< color> (names)	Yes	Yes	Yes	Yes	Yes
< color> (#rrggbb or #rgb Notation)	Yes	Yes	Yes	Yes	Yes
< color> (rgb(r,g,b) Notation)	Yes	Yes	Yes	Yes	Yes
< color> (system colors)	Yes	Yes	Yes	Yes	Yes
transparent	No	No	Partial	Yes	Yes

CSS 3:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
< color> (rgba (r,g,b,a) Notation)	No	No	No	No	No
< color> (hsl(h,s,l) Notation)	No	No	No	No	No
< color> (hsla (h,s,l,a) Notation)	No	No	No	No	No

Keywords

CSS 2.1:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
auto	No	No	Partial	Yes	Yes
inherit	No	No	No	No	Yes

CSS 3:

	Internet Explorer 5	Internet Explorer 5.5	Internet Explorer 6	Internet Explorer 7	Internet Explorer 8
initial	No	No	No	No	No

Units

All of the following units are supported in Internet Explorer 3.0 and later:

px
pt
pc
cm
mm
in
em
ex

%

None of the following CSS 3 units is supported in Internet Explorer:

deg
grad
rad
ms
s
Hz
kHz
turn
gd
rem
vw
vh
vm
ch

See Also

[Cascading Style Sheets \(MSDN Reference\)](http://msdn2.microsoft.com/en-us/library/ms531205.aspx) [<http://msdn2.microsoft.com/en-us/library/ms531205.aspx>]

[Cascading Style Sheets \(W3C\)](http://www.w3.org/Style/CSS/) [<http://www.w3.org/Style/CSS/>]