

@ Rules

RULE	USAGE	EXAMPLES
import	<code>@import url(uri) [{ all screen print } [, ...]]</code>	<code>@import url(/styles/core.css);</code> <code>@import url(/styles/print.css) print;</code>
page	<code>@page [:first :left :right identifier] { margin size marks }</code>	<code>@page { margin: 0.5in; }</code> <code>@page :left { margin-right: 0.75in; }</code>
media	<code>@media { all screen print } [, ...] { rules }</code>	<code>@media print { #menu { display: none; } }</code>
font-face	<code>@font-face { font-family src }</code>	<code>@font-face { font-family: "Robson Celtic"; src: url(http://site/fonts/rob-celt"); }</code>
charset	<code>@charset charset</code>	<code>@charset "ISO-8859-1";</code>

Selectors

SELECTOR	DESCRIPTION
*	All elements
<i>E</i>	All <i>E</i> elements
<i>E</i> , <i>F</i>	All <i>E</i> and <i>F</i> elements
<i>E</i> <i>F</i>	All <i>F</i> elements within <i>E</i> elements
<i>E</i> > <i>F</i>	All <i>F</i> elements with parent <i>E</i> elements
<i>E</i> + <i>F</i>	All <i>F</i> elements preceded by <i>E</i> elements
. <i>class</i>	All elements with class <i>class</i>
<i>E</i> . <i>class</i>	All <i>E</i> elements with class <i>class</i>
# <i>identifier</i>	Element with id <i>identifier</i>
<i>E</i> # <i>identifier</i>	Element <i>E</i> with id <i>identifier</i>
<i>E</i> [<i>attr</i>]	All <i>E</i> elements with attribute <i>attr</i>
<i>E</i> [<i>attr</i> =' <i>value</i> ']	All <i>E</i> elements when attribute <i>attr</i> is equal to <i>value</i>
<i>E</i> [<i>attr</i> ~=' <i>value</i> ']	All <i>E</i> elements when attribute <i>attr</i> is a list containing <i>value</i>
<i>E</i> [<i>attr</i> =' <i>value</i> ']	All <i>E</i> elements when attribute <i>attr</i> is a list beginning with <i>value</i>

Pseudo-Elements and Pseudo-Classes

SELECTOR	DESCRIPTION
<i>E</i> :first-child	First child of <i>E</i> elements
<i>E</i> :first-line	First line of <i>E</i> elements
<i>E</i> :first-letter	First letter of <i>E</i> elements
<i>E</i> :before ¹	Insert before <i>E</i> elements
<i>E</i> :after ¹	Insert after <i>E</i> elements
<i>E</i> :hover	All <i>E</i> elements with mouse over
<i>E</i> :active	All active <i>E</i> elements
<i>E</i> :focus	All <i>E</i> elements with focus
<i>E</i> :lang(<i>lang</i>)	All <i>E</i> elements with language <i>lang</i>
<i>A</i> :link	All unvisited <i>A</i> links
:link	All unvisited links
<i>A</i> :visited	All visited <i>A</i> links
:visited	All visited links

1) These pseudo-elements are used in conjunction with the content property

Colors

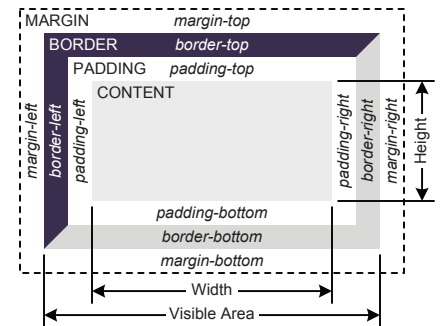
COLOR	DESCRIPTION
<i>name</i>	Any named color
# <i>rrggbb</i>	Any color where <i>rr</i> , <i>gg</i> , <i>bb</i> are between 0 and 255 in hexadecimal notation (00 – FF)
# <i>rgb</i> ²	Any color where <i>r</i> , <i>g</i> , <i>b</i> are between 0 and 16 in hexadecimal notation (0 – F) (equivalent to # <i>rrggbb</i>)
rgb(<i>red</i> , <i>green</i> , <i>blue</i>)	Any color where <i>red</i> , <i>green</i> , <i>blue</i> are between 0 and 255 (or percentages between 0% and 100%)

2) Web-safe colors limit the values to 0, 3, 6, 9, C, and F

Lengths and Percentages

UNIT	DESCRIPTION
0	Zero (unit is optional)
em	1em = font size of parent
ex	1ex = height of an 'x'
px	Pixels
%	Percentage
cm	Centimeters
mm	Millimeters
in	Inches, 1in = 2.54cm
pt	Points, 1pt = 1/72in
pc	Picas, 1pc = 12pt

Box Model³



3) The IE Box model is similar except that the border and padding are included in the computed width

Box Properties

PROPERTY	VALUES
width, height	<i>length</i> <i>percentage</i> auto
min-width, min-height	<i>length</i> <i>percentage</i>
max-width, max-height	<i>length</i> <i>percentage</i> none
margin	^s { <i>top right bottom left</i> } { <i>top right/left bottom</i> } { <i>top/bottom right/left</i> } <i>length</i> <i>percentage</i>
margin-top, margin-right, margin-bottom, margin-left	<i>length</i> <i>percentage</i>
padding	^s { <i>top right bottom left</i> } { <i>top right/left bottom</i> } { <i>top/bottom right/left</i> } <i>length</i> <i>percentage</i> auto
padding-top, padding-right, padding-bottom, padding-left	<i>length</i> <i>percentage</i> auto
border, border-top, border-right, border-bottom, border-left	^s <i>border-width</i> <i>border-style</i> <i>border-color</i>
border-width	^s { <i>top right bottom left</i> } { <i>top right/left bottom</i> } { <i>top/bottom right/left</i> } <i>length</i> thin medium thick
border-top-width, border-right-width, border-bottom-width, border-left-width	<i>length</i> thin medium thick
border-style	^s { <i>top right bottom left</i> } { <i>top right/left bottom</i> } { <i>top/bottom right/left</i> } none hidden dotted dashed solid double groove ridge inset outset
border-top-style, border-right-style, border-bottom-style, border-left-style	none hidden dotted dashed solid double groove ridge inset outset
border-color	^s { <i>top right bottom left</i> } { <i>top right/left bottom</i> } { <i>top/bottom right/left</i> } <i>color</i> transparent
border-top-color, border-right-color, border-bottom-color, border-left-color	<i>color</i> transparent

List Properties

PROPERTY	VALUES
<i>i</i> list-style	^s <i>list-style-type</i> <i>list-style-position</i> <i>list-style-image</i>
<i>i</i> list-style-type	none circle disc square decimal decimal-leading-zero georgian lower-alpha lower-greek lower-latin lower-roman upper-alpha upper-latin upper-roman armenian
<i>i</i> list-style-position	inside outside
<i>i</i> list-style-image	none url(<i>uri</i>)
marker-offset	<i>length</i> auto

Legend

SYNTAX	DESCRIPTION	SYNTAX	DESCRIPTION	SYNTAX	DESCRIPTION
<i>value</i>	data type values		one or many values	...	repeat previous value(s)
keyword	keyword values	{ }	group of values	^s	shorthand property
	one value	[]	optional value(s)	<i>i</i>	inherited property

Table Properties	
PROPERTY	VALUES
table-layout	auto fixed
<i>i</i> border-collapse	collapse separate
<i>i</i> border-spacing	{ <i>horizontal</i> <i>vertical</i> } <i>length</i>
<i>i</i> empty-cells	hide show
<i>i</i> caption-side	bottom top

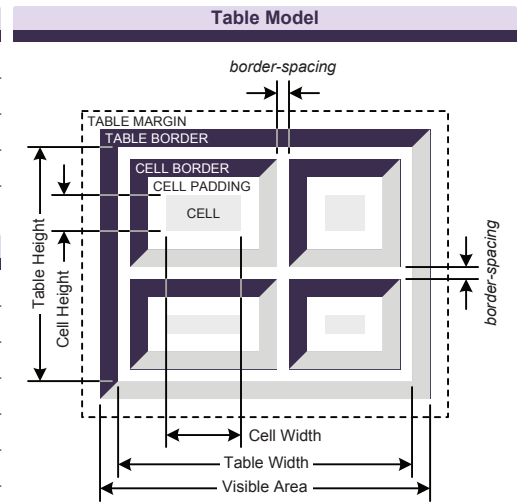
Text Properties	
PROPERTY	VALUES
<i>i</i> text-align	<i>string</i> left right center justify
text-decoration	none { underline overline line-through blink }
<i>i</i> text-indent	<i>length</i> <i>percentage</i>
text-shadow	{ { [<i>color</i>] <i>x-offset</i> <i>y-offset</i> [<i>blur</i>] } [, ...] } none
<i>i</i> text-transform	none capitalize lowercase uppercase
<i>i</i> line-height	<i>length</i> <i>number</i> <i>percentage</i> none
<i>i</i> letter-spacing, word-spacing	<i>length</i> normal
<i>i</i> white-space	normal nowrap pre
vertical-align	<i>length</i> <i>percentage</i> baseline bottom middle sub super text-bottom text-top top

Font Properties	
PROPERTY	VALUES
<i>i</i> font	<i>S</i> { [<i>font-style</i> <i>font-variant</i> <i>font-weight</i> <i>font-size</i> [<i>/line-height</i>] <i>font-family</i>] caption icon menu message-box small-caption status-bar
<i>i</i> font-style	normal italic oblique
<i>i</i> font-variant	normal small-caps
<i>i</i> font-weight	bolder lighter 100 200 300 { normal 400 } 500 600 { bold 700 } 800 900
<i>i</i> font-size	<i>length</i> <i>percentage</i> larger smaller xx-small x-small small medium large x-large xx-large
<i>i</i> font-size-adjust	<i>number</i> none
<i>i</i> font-family	{ <i>family-name</i> <i>generic-name</i> } [, ...]
<i>i</i> font-stretch	normal wider narrower ultra-condensed extra-condensed condensed semi-condensed normal semi-expanded expanded extra-expanded ultra-expanded
src ⁴	url(<i>uri</i>)

4) This property is used within the @font-face rule

Color and Background Properties	
PROPERTY	VALUES
<i>i</i> color	<i>color</i>
background	<i>S</i> <i>background-color</i> <i>background-image</i> <i>background-repeat</i> <i>background-attachment</i> <i>background-position</i>
background-color	<i>color</i> transparent
background-image	none url(<i>uri</i>)
background-repeat	no-repeat repeat repeat-x repeat-y
background-attachment	scroll fixed
background-position	{ { <i>percentage</i> <i>length</i> } [...] } { { top center bottom } { left center right } }

Layout Properties	
PROPERTY	VALUES
display	none block inline list-item run-in compact marker inline-block inline-table table table-cell table-row table-column table-caption table-header-group table-row-group table-column-group table-footer-group
position	absolute fixed relative static
top, right, bottom, left	<i>length</i> <i>percentage</i> auto
visibility	visible hidden collapse
float	none left right
clear	none left right both
z-index	<i>integer</i> auto
overflow	auto hidden visible scroll
clip	<i>shape</i> auto
<i>i</i> direction	ltr rtl
unicode-bidi	normal embed bidi-override



Text Spacing	
<p> Lorem ipsum dolor sit amet </p> <p> <i>letter-spacing</i> ⁵ <i>word-spacing</i> ⁶ </p> <p> <i>line-height</i> </p>	

5) The value is in addition to the default spacing between characters

6) The value is in addition to the default spacing between words

User Interface Properties	
PROPERTY	VALUES
<i>i</i> cursor	default crosshair pointer move e-resize ne-resize nw-resize n-resize se-resize sw-resize s-resize text wait help
<i>i</i> outline	<i>S</i> <i>outline-width</i> <i>outline-style</i> <i>outline-color</i>
outline-width	<i>length</i> thin medium thick
outline-style	none dotted dashed solid double groove ridge inset outset
outline-color	<i>color</i> invert

Page Properties	
PROPERTY	VALUES
size ⁷	{ <i>width</i> <i>height</i> } <i>length</i> auto portrait landscape
marks ⁷	none { crop cross }
<i>i</i> page ⁸	<i>identifier</i> none
page-break-before	auto always avoid left right
page-break-after	auto avoid
<i>i</i> orphans	<i>integer</i>
<i>i</i> widows	<i>integer</i>

7) This property is used within the @page rule

8) The *identifier* refers to the identifier specified in a @page rule

Generated Content Properties	
PROPERTY	VALUES
content ⁹	<i>string</i> <i>uri</i> <i>counter</i> attr(<i>x</i>) open-quote close-quote no-open-quote no-close-quote
<i>i</i> quotes	{ { <i>string</i> <i>string</i> } [...] } none
counter-reset	{ { <i>identifier</i> [<i>integer</i>] } [...] } none
counter-increment	{ { <i>identifier</i> [<i>integer</i>] } [...] } none

9) This property is used in conjunction with the .before and .after pseudo-elements