

# CSS Cheat Sheet

## @ Rules

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

## 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 <sup>1</sup>	Insert before <i>E</i> elements
<i>E</i> :after <sup>1</sup>	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

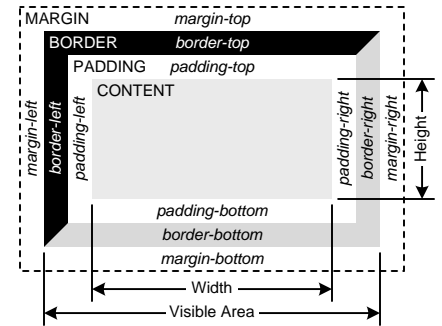
COLOR	DESCRIPTION
<i>name</i>	Any named color
# <i>rrggbb</i>	Any color where <i>rr</i> , <i>gg</i> , <i>bb</i> are between 0 and 255 in hexadecimal notation (00 – FF)
# <i>rgb</i> <sup>2</sup>	Any color where <i>r</i> , <i>g</i> , <i>b</i> are between 0 and 16 in hexadecimal notation (0 – F) (equivalent 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 Model<sup>3</sup>



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	<sup>s</sup> { <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	<sup>s</sup> { <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	<sup>s</sup> <i>border-width</i>    <i>border-style</i>    <i>border-color</i>
border-width	<sup>s</sup> { <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	<sup>s</sup> { <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	<sup>s</sup> { <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	<sup>s</sup> <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	<i>s</i>	shorthand property
	one value	[ ]	optional value(s)	<i>i</i>	inherited property

# CSS Cheat Sheet

## 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 <sup>4</sup>	url( <i>uri</i> )

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

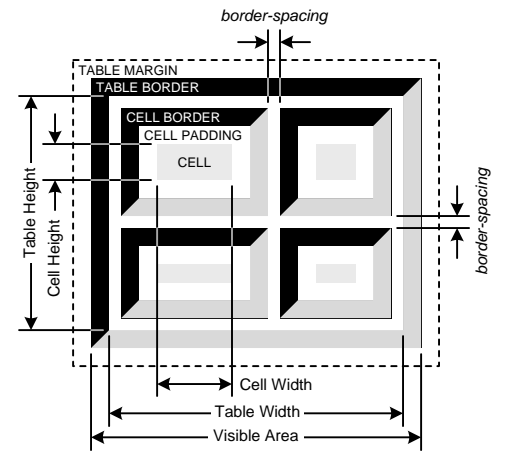
## Color and Background Properties

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 } }

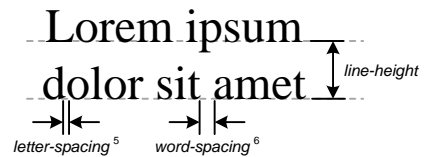
## Layout Properties

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

## Table Model



## Text Spacing



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 <sup>7</sup>	{ <i>width</i> <i>height</i> }   <i>length</i>   auto   portrait   landscape
marks <sup>7</sup>	none   { crop    cross }
<i>i</i> page <sup>8</sup>	<i>identifier</i>   none
page-break-before page-break-after	auto   always   avoid   left   right
<i>i</i> page-break-inside	auto   avoid
<i>i</i> orphans 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 <sup>9</sup>	<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 counter-increment	{ { <i>identifier</i> [ <i>integer</i> ] } [ ... ] }   none

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