CSS LEVEL 1 AND CSS-P QUICK REFERENCE CHARTS

1. BRIEF PROPERTY DESCRIPTIONS

Property	Description	Page Refs.
background	Shorthand for setting next five background properties (color, image, attachment, image position and image tiling rules)	79, 200, *576*
background-attachment	Set background to scroll with the page (default) or to remain fixed with the page scrolling on top of it.	200, *576-578*
background-color	Sets the background color for an element. Note that background color is *opaque*, and hides whatever is behind it.	56-57, 73, 78, 192-193, **578**
background-image	Sets (using a URL) the image to use as a background. The image is tiled according to the rules set by background-repeat.	78, 135-136, 193, **579**
background-position	Set position for initial placement of the background image -tiling starts from this position. Applies only to block elements.	195-199, **579**
background-repeat	Define how the background image is tiled (e.g., left-to right only, top-to-bottom only, or not at all).	193-195, **580**
border	Shorthand for setting identical border widths and properties for all four borders around an element.	580
border-bottom	Sets the border properties (size, style and color) for the border at the bottom of an element.	135, 181-189, **581**
border-bottom-width	Sets the width of the border at the bottom of an element. With inline elements, this does not affect line spacing.	174, 181-189, **582**
border-color	Shorthand for setting the color for all four borders. The default color is set by the color property.	**583**
border-left	Sets the border properties (size, style and color) for the border at the left of an element.	135, **584**
border-left-width	Sets the width of the border to the left of an element. With inline elements this *does* affect spacing between the element and text to it's left.	174, 175-181, **585**
border-right	Sets the border properties (size, style and color) for the border at the right of an element.	**585**
border-right-width	Sets the width of the border to the left of an element. With inline elements, this *does* affect spacing between the element and text to it's right.	174, 175-181, **586**
border-style	Shorthand for setting the style (solid, dashed, etc.) for all four borders around an element.	**587**
border-top	Sets the width of the border at the top of an element. With inline elements this does not affect line spacing.	56-57, 115, 135, **587**
border-top-width	Sets the width of the border at the top of an element. With inline elements this does not affect line spacing.	174, 181-189, **588**
border-width	Shorthand for setting the widths of all four borders of an element.	588
clear	Clear an element to move down so that the margin is clear to the left (clear: left), to the right (clear: right) or to both margins (clear: both). (Analogous to - and replaces - the HTML markup <br clear="left">, etc.)	276-277, 279, **590**
color	Set the foreground (i.e., text) color. This is also the default color for element borders.	56-57, 83-87, **591**
display	Defines the display type (i.e. block, inline, or list-item) for the element. The value "none" removes the element from display -- the page is formatted as if the element were not part of the document.	200-201, 310, 329, **594**
float	Float an element to the left or right (or turn floating off). This "floats" an element within the block element the element is directly inside. (Analogous to - and replaces - **align**="left" (etc.) attributes on HTML **img** elements).	140, 201, 204, 265, 268-270, 340, **596**
font	Shorthand for setting properties of the text font (family, size, weight, variant, style, and line height)	**596**
font-family	Specify the desired font family for the text in an element. Given as a comma-separated list of desired fonts, in decreasing order of preference.	55-57, 73-76, 448, 450-451, **597**
font-size	Sets the desired size for text inside the element.	57, 76-77, 451, **598**
font-style	Sets the style (e.g., italic) for text inside the element.	73, 77, **598**
font-variant	Set the variant (e.g. small-caps) for text inside the element.	73, 77, 79, 80, 451, **599**
font-weight	Set the weight or boldness for text inside the element.	73, 77, **599**
height	Sets the height for an element, Relevant only for block elements, replaced elements (such as inline images), and absolutely positioned element (see position).	128-131, 173, 174, 181-189, 204-206, **600**
letter-spacing	Adjust the spacing between letters relative to a default value. Negative values can lead to overlapping letters.	77, **602**
line-height	Set the line height or spacing between lines inside a block element.	169-173, **602**
list-style	Shorthand for setting the three list style properties described below.	189, **603**
list-style-image	Set (using a URL) an image to use as the marker for the list items. This overrides the marker set by list-style-type.	189-191, **603**
list-style-position	Set whether list items should wrap around the list item marker (inside) or should line up next to the marker (outside).	188-191, **603**
list-style-type	Set the type of the list, and the marker to use for the items (e.g., circles, digits, roman numbers, etc.)	188-191, **604**
margin	Shorthand for setting the margins on all four sides of an element (can set different margin settings on each side)	173-174, **604**
margin-bottom	Set the margin length (positive or negative) at the top of an element. With inline elements, this does not affect line spacing to the next line.	174, 181-189, 269-273, 605
margin-left	Set the margin length (positive or negative) to the left of an element. With inline elements, this *does* affect spacing between the element and text to it's left.	173-181, 269-273, **605**
margin-right	Set the margin length (positive or negative) to the right of an element. With inline elements, this *does* affect spacing between the element and text to it's right.	174,-181, 269-273, 282, **606**
margin-top	Set the margin length (positive or negative) at the top of an element. With inline elements, this does not affect line spacing from the preceding line.	174, 181-189, 269-273, 282, **606**
padding	Shorthand for setting padding space on all sides of an element (can set different padding sizes for all four sides)	115, 135-136, 173-174, **610**
padding-bottom	Set padding space at the bottom of an element. With inline elements, this does not affect line spacing.	174, 181-189, **611**
padding-left	Set padding space for the left side of an element. . With inline elements this *does* affect spacing between the element and text to it's left.	174, 175-181, **612**
padding-right	Set padding space for the right side of an element. With inline elements, this *does* affect spacing between the element and text to it's right.	174-181, **613**
padding-top	Set padding space at the top of an element. With inline elements, this does not affect line spacing.	174, 181-189, **613**

The XHTML 1.0 Language and Design Sourcebook
http://www.utoronto.ca/ian/books/xhtml1/

BRIEF PROPERTY DESCRIPTIONS (CONT.)

Property	Description	Page Refs.
text-align	Set text alignment (left, right, justify, center) for text inside a block element. (Analogous to - and replaces - **align**="left" (etc.) attributes on HTML block elements such as **p** or **div**).	147, 164, 204, 371, **615**
text-decoration	Set the text decoration (underline, strike-through, etc.) for the text content.	73, 77-78, **616**
text-indent	Set the indent (positive or negative) for the first line of a block element. Negative value produce a 'hanging' indent.	164-165, **617**
text-transform	Transforms text before it is displayed, (e.g., to uppercase, to lowercase, or capitalize all first letters)	78, **617**
vertical-align	Define how an element is vertically aligned relative to adjacent content, (e.g., super- or subscripts, middle-alignment, baseline-alignment, etc.) Applies only to inline elements.	115, 131-134, 139, 370, **619**
white-space	Defines how white space should be handled inside the element (e.g., preserve them (like inside an HTML **pre** element), collapse them, or disallow line wrapping in the absence of line breaks)	166-168, **621**
width	Sets the width for an element, Relevant only for block elements and replace elements (such as inline images).	128-131, 173-174,-181, 204-206, 375-377, **621**
word-spacing	Adjust the spacing between words relative to the default value. Negative values may cause words to overlap. Applies only to block elements.	78, 164, **623**

CSS Positioning Properties

clip	Sets a clipping window for positioned elements -- content outside the window can be *clipped* (see overflow).	310, 315, 3316-317, **590**
left	Defines the position of the left side of a positioned element relative to a well-defined origin. The origin depends on how the element is positioned (absolute or relative).	310, 312-314, 319-321, **601**
overflow	Defines how clipped content should be displayed. The value clip means that content outside the clipping window is clipped, while scroll calls for scrollbars inside the clipping window, if needed.	310, 315-319, 182-184, 281-282, **610**
position	Sets the positioning model for an element: absolute and relative define the special CSS-Positioning models; the default is static, which corresponds to the standard (non-positioned) mechanism.	309, 310-317, **613**
top	Defines the position of the top side of a positioned element relative to a well-defined origin. The origin depends on how the element is positioned (absolute or relative).	310, 312-314, 319-321, **618**
visibility	Sets whether or not the element content is visible or invisible.	310, 324-329, 382-385, **620**
z-index	Positioned elements can appear one above the other - z-index defines the order in which they appear (relative to the other specially positioned elements).	310, 311, 314-315, 322-326, **623**

2. PSEUDO-ELEMENTS, PSEUDO-CLASSES AND SPECIAL DECLARATION DESCRIPTIONS

Term	Description	Page Refs.
A) Pseudo-Elements		
:first-line	Selects for the first line in a block element, and applies only to block elements (e.g. p:first-line)	168-170
:first-letter	Selects for the first letter in an element (e.g., span:first-letter)	168-170
B) Pseudo-Classes		
:link	Select for hypertext links that are links to elsewhere (i.e., have an **href** attribute) (e.g. a:link)	108-109, 110, 112
:visited	Selects for hypertext links that are links to elsewhere and that have already been visited by the user.	108,109, 110-112
:active	Selects for hypertext links that are links to elsewhere and that are active (i.e., the user has selected the link)	110, 112
:hover (CSS Level 2)	Selects for elements the mouse pointer is "hovering" above: often used to change the background color behind links when the mouse "rolls over" the link. (e.g. a:link:hover)	109-111, 111-112
C) Other CSS Declarations		
!important	Appears at the end of a declaration (e.g., color: red !important) and raises the 'weight' of the declaration so that it overrides all others that might apply to the same element.	87, 443, 445-448
@import	Used to import an external style sheet inline into the current style sheet. Must appear at the start of the style sheet. (E.g., import url(http://somewhere.org/styles/mystyle.css);)	443-445, 446

3. CSS LEVEL 1 SELECTOR DESCRIPTIONS

Selector Example	Description	Page Refs.
div.main	Class-based selector: Selects all **div** elements having the attribute **class**="main"	56, 81, **460**
pre#special	ID-based selector: Selects all **pre** elements having the attribute **id**="special" (Note: there can be only one such elements -- no two elements in a document can have the same **id** attribute value)	82, 84, **460**
.main	Select for all elements of any type having the attribute **class**="main"	81, **460**
div.main em	Contextual selector: Selects for **em** elements that are somewhere inside a **div** element having the attribute **class**="foo"	82, **460**
a.navbar:visited	Selects for **a** elements corresponding to already visited hypertext links that also have the attribute **class**="navbar"	108-112, **460**
span	Element-based selector: Selects for all **span** elements	55-56, , **460**
p em, div.foo	Grouped selector: Selects for all **em** elements somewhere inside a **p** element, *and also*, selects for all **div** elements of **class**="foo".	56, **460**

Page References: Refer to pages in *The XHTML 1.0 Language and Design Sourcebook*

4. PROPERTY VALUES, ELEMENTS TO WHICH THEY APPLY, AND BROWSER SUPPORT
(TABLE KEY ON NEXT PAGE)

Property	Supported Values	Inherit? (Y = yes)	Elements it applies to:	Browser Support						
				NN4.x	NN6	IE4.x	IE5	IE5.5	OP3.6	OP4.02
background	shorthand for background properties		A	P,B	Y	B	Y	Y	P	Y,B
background-attachment	scroll, fixed		A	—	Y	Y	Y	Y	—	Y
background-color	color, transparent		A	P,B	Y	Y	Y	Y	Y	B
background-image	url(urlstring), none		A	Y	Y	Y	Y	Y	Y	Y
background-position	several possible values (see text)		B, R	—	Y	B	Y	Y	Y	Y
background-repeat	no-repeat, repeat, repeat-x, repeat-y		A	P	Y	B	Y	Y	**Y**	**Y**
border	shorthand for border properties		A	P,B!	Y	Y			Y,P	Y
border-bottom	shorthand for bottom border properties		A	—	Y	P	P (Y Mac)	Y	Y,P	Y
border-bottom-width	medium, thick, thin, length		A	Y	Y	P	P (Y Mac)	Y	Y	Y
border-color	1 to 4 color values		A	P	Y	Y	Y	Y	Y	Y
border-left	shorthand for left border properties		A	—	Y	P	P (Y Mac)		Y,P	Y
border-left-width	medium, thick, thin, length		A	P	Y	P	P (Y Mac)	Y	Y	Y
border-right	shorthand for right border properties		A	—	Y	P	P (Y Mac)	Y	Y,P	Y
border-right-width	medium, thick, thin, length		A	Y	Y	P	P (Y Mac)	Y	Y	Y
border-style	1 to 4 values, each being dashed, dotted, double, groove, inset, none, outset, ridge, solid		A	P	Y	P	P	P	Y	Y
border-top	shorthand for top border properties		A	—	Y	P	P (Y Mac)	Y	Y,P	Y
border-top-width	medium, thick, thin, length		A	Y	Y	P	P (Y Mac)	Y	Y	Y
border-width	shorthand for four border widths		A	B	Y	P	P	Y	Y	Y
clear	both, left, none, right		A	B	Y	B (Y Mac)	B (Y Mac)	Y	P (no left)	Y
color	color	Y	A	Y	Y	Y	Y	Y	Y	Y
display	block, inline, list-item, none		A	B	Y	B	P (Y Mac)	P	P,B (no lists)	Y
float	left, none, right		A	B!	Y	B!	B (Y Mac)	Y	Y,B	B
font	shorthand for font properties	Y	A	P	Y	Y	Y	Y	Y	Y
font-family	comma-separated font names	Y	A	P	Y	Y	Y	Y	Y	Y
font-size	xx-small, x-small, small, medium, large, x-large, xx-large, larger, smaller, length, num%	Y	A	Y	Y	B	Y	Y	Y	Y
font-style	normal, italic, oblique	Y	A	P	Y	Y	Y	Y	Y	Y
font-variant	normal, small-caps	Y	A	—	Y	Y	Y	Y	Y	Y
font-weight	bolder, lighter, 100, 200, 300, 400, 500, 600, 700, 800, 900	Y	A	P	Y	Y	Y	Y	Y	Y
height	auto, length, num%		B, R, AP	P,B!	Y	Y	Y	Y	Y	Y
letter-spacing	normal, length	Y	A	—	Y	Y	Y	Y	Y	Y
line-height	normal, length, num, num%	Y	B	P,B	Y	Y	Y	Y	Y	Y
list-style	shorthand for list properties	Y	L	P	Y	Y	Y	Y	Y	Y
list-style-image	url(urlstring), none	Y	L	—	Y	Y	Y	Y	Y	Y
list-style-position	inside, outside	Y	L	—	Y	Y	Y	Y	Y	Y
List-style-type	circle, disc, none, square, decimal, lower-alpha, lower-roman, upper-alpha, upper-roman	Y	L	Y	Y	Y	Y	Y	Y	Y
margin	shorthand for margin properties		A	P,B	Y	P,B	P (Y Mac)	Y	Y	Y
margin-bottom	auto, length, num%		A	B	Y	P,B	P (Y Mac)	Y	Y	Y
margin-left	auto, length, num%		A	B	Y	P,B	P (Y Mac)	Y	Y	B
margin-right	auto, length, num%		A	B	Y	P,B	P (Y Mac)	Y	Y	B
margin-top	auto, length, num%		A	B	Y	P,B	P (Y Mac)	Y	Y	Y
padding	shorthand for padding properties		A	B	Y	P	P (Y Mac)	Y	B	Y
padding-bottom	length, num%		A	B	Y	P	P (Y Mac)	Y	Y	Y
padding-left	length, num%		A	B	Y	P	P (Y Mac)	Y	Y	Y
padding-right	length, num%		A	B	Y	P	P (Y Mac)	Y	Y	Y
padding-top	length, num%		A	B	Y	P	P (Y Mac)	Y	Y	Y
text-align	center, justify, left, right	Y	B	Y	Y	Y	Y	Y	Y	Y
text-decoration	none, or one or more of: blink, line-through, overline, underline		A	P	Y	P(no blink)	P(no blink)	P(no blink)	P (no blink)	Y
text-indent	length, num%	Y	B	Y	Y	Y	Y	Y	Y	Y
text-transform	capitalize, lowercase, none, uppercase	Y	A	Y	Y	Y	Y	Y	P,B	Y
vertical-align	baseline, sub, super, top, text-top, middle, bottom, text-bottom, num%		I	P,B	Y	P	P (Y Mac)	P	P.B	Y

PROPERTY VALUES AND SUPPORT... (CONT.)

Property	Values	Inherit? (Y = yes)	Elements it applies to:	Browser Support						
				NN4.x	NN6	IE4.x	IE5.x	IE5.5	OP3.6	OP4.02
white-space	normal, nowrap, pre	Y	B	P	Y	—	— (Y Mac)	P	—	Y
width	auto, length, num%		B, R, AP	B	Y	B	B (Y Mac)	Y	Y,B	Y
word-spacing	normal, length	Y	A	—	Y	— (Y Mac)	— (Y Mac)	—	Y	Y
CSS Positioning Properties										
clip	auto, rect(len1, len2, len3, len4)		AP	Y	Y	B	Y	Y	—	—
left	auto, length, num%		AP,RP	Y	Y	B	Y	Y	—	B
overflow	none, clip, scroll		AP,RP	Y	Y	B	Y	Y	—	P
position	absolute, relative, static		A	Y	Y	B	Y	Y	—	B
top	auto, length, num%		AP,RP	Y	Y	B	Y	Y	—	B
visibility	hidden, inherit, visible	(Y if inherit)	A	B (no visible)	Y	B	Y	Y	—	B
z-index	auto, int		AP,RP	Y	Y	B	Y	Y	—	—
Pseudo-Elements, Pseudo-Classs and Special CSS Declarations										
:first-line				—	Y	—	— (Y Mac)	Y	Y	Y
:first-letter				—	B	—	— (Y Mac)	Y	Y	Y
:link				Y	Y	Y	Y	Y	Y	Y
:visited				B	Y	Y	Y	Y	Y	Y
:active				B	Y	Y	Y	Y	—	—
:hover (CSS Level 2)				—	Y	Y	Y	Y	Y	Y
!important				—	Y	Y (Win only)	Y	Y	Y	Y
@import				—	Y	Y	Y	Y	Y	Y

KEY: "ELEMENT IT APPLIES TO" AND "BROWSER SUPPORT" COLUMNS

NN4, NN6 Netscape Navigator 4 and 6	OP3.6, OP4.02 Opera 3.6 and 4.02	IE4, IE5, IE5.5 Microsoft Internet Explorer 4, 5 and 5.5	NOTE: IE 5.5 available on Windows 9x/NT/2000 Only

"Element it Applies to" Column		"Browser Support" Column	
Value	Meaning	Value	Meaning
A	Applies to *all* elements	— (long dash)	Not supported
B	Applies to *block-level* elements (e.g., **div**, **p**)	Y	All values supported
I	Applies to *inline* elements (e.g. **span**, **em**)	P	Partial support -- some values not supported
R	Applies to *replaced* elements (e.g. **img**)	B	Some bugs in implementation
AP	Applies to *absolutely positioned* elements	*B!*	Severe bugs in implementation
RP	Applies to *relatively positioned* elements	Mac, Win	Macintosh- or Windows -specific E.g.: P, (Y Mac)

KEY: TERMS USED IN PROPERTY VALUE DESCRIPTIONS

User-defined property values (Italicized)		Margin/Padding/Border Shorthand Assignment Rules	
Value	Description	Value Assignment	Meaning
urlstring	A partial or complete URL	property: v1	All sides given value v1
color	A color specified as a *named color* (see Appendix A), or as an RGB code using the syntax #rrggbb, #rgb, rgb(red,green,blue) or rgb(red%,green%,blue%)	property: v1 v2 v3	Top given value v1, right given value v2, bottom given value v3, left given value v2
length	A length specified in relative (em, ex) or absolute (cm, mm, in, pc, pt, px) length units. Can be a positive or, depending on the property, a negative value.	property: v1 v2 v3 v4	Top given value v1, right given value v2, bottom given value v3, left given value v4
num; num%	A real number; or a percentage (real) length value.	property: v1 v2	Top and bottom given value v1; right and left given value v2
int	A positive or negative integer.		

5. USEFUL WEB REFERENCES

http://webreview.com/pub/guides/style/style.html	http://www.richinstyle.com/bugs/table.html

CSS Tips and browsers bug workarounds:	http://www.utoronto.ca/ian/books/xhtml2/exerpt/css-4a.html http://www.css.nu/faq/index.html http://css.nu/pointers/bugs.html