THE CSS3 SPECIFICATION

The CSS3 specification contains several new properties and selectors, and many of them have already been implemented in modern browsers. I'm highlighting a few of these new features, but this list is just a start.

CSS3 FONT PROPERTIES

Property	Description
@font-face	A rule that allows websites to download and use fonts other than the "web-safe" fonts
font-size-adjust	Preserves the readability of text when font fallback occurs
font-stretch	Selects a normal, condensed, or expanded face from a font family

CSS3 BORDER PROPERTIES

Property	Description
border-bottom-left-radius	Defines the shape of the border of the bottom-left corner
border-bottom-right-radius	Defines the shape of the border of the bottom-right corner
border-image	A shorthand property for setting all the border-image-* properties
border-image-outset	Specifies the amount by which the border image area extends beyond the border box
border-image-repeat	Specifies whether the image-border should be repeated, rounded or stretched
border-image-slice	Specifies the inward offsets of the image-border
border-image-source	Specifies an image to be used as a border
border-image-width	Specifies the widths of the image-border
border-radius	A shorthand property for setting all the four border-*-radius properties
border-top-left-radius	Defines the shape of the border of the top-left corner
border-top-right-radius	Defines the shape of the border of the top-right corner
box-shadow	Attaches one or more drop-shadows to the box

CSS3 TEXT PROPERTIES

Property	Description
hanging-punctuation	Specifies whether a punctuation character may be placed outside the line box
punctuation-trim	Specifies whether a punctuation character should be trimmed
text-align-last	Describes how the last line of a block or a line right before a forced line break is aligned when text-align is "justify"
text-emphasis	Applies emphasis marks, and the foreground color of the emphasis marks, to the element's text
text-justify	Specifies the justification method used when text-align is "justify"
text-outline	Specifies a text outline
text-overflow	Specifies what should happen when text overflows the containing element
text-shadow	Adds shadow to text
text-wrap	Specifies line breaking rules for text
word-break	Specifies line breaking rules for non-CJK scripts
word-wrap	Allows long, unbreakable words to be broken and wrap to the next line

CSS3 COLOR PROPERTIES

Property	Description
color-profile	Permits the specification of a source color profile other than the default
Opacity	Sets the opacity level for an element
rendering-intent	Permits the specification of a color profile rendering intent other than the default

CSS3 TRANSITION PROPERTIES

Property	Description
transition	A shorthand property for setting the four transition properties
transition-property	Specifies the name of the CSS property the transition effect is for
transition-duration	Specifies how many seconds or milliseconds a transition effect takes to complete
transition-timing-function	Specifies the speed curve of the transition effect
transition-delay	Specifies when the transition effect will start

CSS3 2D/3D TRANSFORM PROPERTIES

Property	Description
transform	Applies a 2D or 3D transformation to an element
transform-origin	Allows you to change the position on transformed elements
transform-style	Specifies how nested elements are rendered in 3D space
perspective	Specifies the perspective on how 3D elements are viewed
perspective-origin	Specifies the bottom position of 3D elements
backface-visibility	Defines whether or not an element should be visible when not facing the screen

CSS3 HYPERLINK PROPERTIES

Property	Description
target	A shorthand property for setting the target-name, target-new, and target-position properties
target-name	Specifies where to open links (target destination)
target-new	Specifies whether new destination links should open in a new window or in a new tab of an existing window
target-position	Specifies where new destination links should be placed

CSS3 GRID PROPERTIES

Property	Description
grid-columns	Specifies the width of each column in a grid
grid-rows	Specifies the height of each column in a grid

CSS3 MULTI-COLUMN PROPERTIES

Property	Description
column-count	Specifies the number of columns an element should be divided into
column-fill	Specifies how to fill columns
column-gap	Specifies the gap between the columns
column-rule	A shorthand property for setting all the column-rule-* properties
column-rule-color	Specifies the color of the rule between columns
column-rule-style	Specifies the style of the rule between columns
column-rule-width	Specifies the width of the rule between columns
column-span	Specifies how many columns an element should span across
column-width	Specifies the width of the columns
columns	A shorthand property for setting column-width and column-count

CSS3 EXAMPLE STYLES

```css
@font-face
{
font-family: myFirstFont;
src: url('Sansation_Light.ttf')
    ,url('Sansation_Light.eot') format("opentype"); /* IE */
}
div.main
{
font-family:myFirstFont; border:2px
solid;
-moz-border-radius:25px; /* Firefox */
-webkit-border-radius:25px; /* Safari and Chrome */ border-
radius:25px;
-moz-box-shadow: 10px 10px 5px #888888; /* Firefox */
-webkit-box-shadow: 10px 10px 5px #888888; /* Safari and Chrome */ box-
shadow: 10px 10px 5px #888888;
}

div.main ul#animateList li a
{
cursor: pointer;
-webkit-transition: padding-left 250ms ease-out;
-moz-transition: padding-left 250ms ease-out;
/* trans pattern:  property duration timingMethod delay */
}

div.main ul#animateList li a:hover
{
padding-left: 20px;
}
```

CSS3 MEDIA QUERY EXAMPLE FOR TARGETING MOBILE DEVICES

```css
@media only screen and (device-width: 768px) and (orientation: landscape) {
      /* rules for iPad in landscape orientation */
}


@media only screen and (min-device-width: 320px) and (max-device-width: 480px) {
  /* iPhone, Android rules here */
}
```