CSS Locators Cheat Sheet

Element selectors

LOCATOR	EXPLANATION
ul#myId	element with @id= 'myId'
#myUniqueId	any element with @id='myId'
ul.myForm	element with @class = 'myForm'
.myForm.front	any element with @classes = 'myfor' and 'front'

Attribute selectors

LOCATOR	EXPLANATION
ul[name = "automateName"] [style = "style_name"]	element with attributes @name ='auto-mateName' and @style= 'style name'
ul[@id]	elements with @id attribute
ul[id = "myId"]	element with @id='myId'
*[name='N'][value='v']	elements with name N and specified value 'v'
ul[id ^= "my"]	all elements with an attribute beginning with 'my'
ul[id$= "Id"]	all elements with an attribute ending with 'Id'
ul[id *= "unique"]	all elements with an attribute containing the substring 'unique'
ul[id ~= "unique"]	all elements with an attribute containing the word 'unique'
a[href='url']	anchor with target link 'url'

Pseudo-class Selectors that Apply to siblings

LOCATOR	EXPLANATION
ul#myUniqueId li:first-child	first child element
ul#myUniqueId li:nth-of-type(1)	first child element
ul#myUniqueId li:last-child	last child element
ul#myUniqueId li:nth-of-type(3)	last child element
#TestTable tr:nth-child(3) td:nth-child(2)	cell by row and column (e.g. 3rd row, 2nd column)
p::first-letter	selects the first letter of the specified 'p'
p::first-line	selects the first line of the specified 'p'
p:first-of-type	selects any <p> that is the first element of its type among its siblings
p:last-of-type	selects any <p> that is the last element of its type among its siblings

Contextual selectors

LOCATOR	EXPLANATION
ul#myUniqueId > li	direct child element
ul#myUniqueId li	sub child element
div > p - all <p>	elements that are a direct descendant of a <div> elemen
div + p - all <p>	elements that are the next sibling of a <div> element (i.e. placed directly after)
div ~p - all <p>	elements that follow, and are siblings of <div> elements
form myForm.front + ul	next sibling
div.row *	selects all elements that are descendant (or child) of the elements with div tag and 'row' class

Pseudo-class Selectors for Link and User States

LOCATOR	EXPLANATION
a:visitedul[@id]	all visited links
a:link	all unvisited links
a:hover	all links on mouse hover
input:active	every active <input> element
input:disabled	every disabled <input> element
input:enabled	every enabled <input> element
input:focus	the <input> element which has focus
input:read-only	<input> elements with the 'readonly' attribute specified
input:required	<input> elements with the 'readonly' attribute specified
input:checked	checkbox (or radio button) that is checked
a:contains('Log Out')	anchor with inner text containing 'Log Out'
td:contains('t') ~td	cell immediately following cell containing 't'
p:lang(language)	all <p> elements with a @lang attribute equal to 'language'
:not(p)	selects any element that is NOT a paragraph
p:not(.fancy)	<p> elements that are not in the class '.fancy'
p:not(.crazy, .fancy)	<p> elements that are not '.crazy' or '.fancy'
div:empty	returns all <div> elements that have no children
:root	selects the root element of the document
input:in-range	selects all elements with a value that is within a specified range
input:out-of-range	select all elements with a value that is outside a specified range