

Pseudo elements and classes

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A CSS pseudo-class is a keyword added to a selector that specifies when your target element is in a special state

It is used for selecting elements

Not case sensitive. Lowercase: best practice

```
div.targeted: hover {  
    text-decoration: underline;  
}
```



SYNTAX

Pseudo-class selectors
have a colon preceding
them

```
button.active:hover {  
    border-radius: 50%;  
}
```

Selector Style	Name	Does
::	pseudo element	selects/creates some actual content
:	pseudo class	selects elements in certain conditions

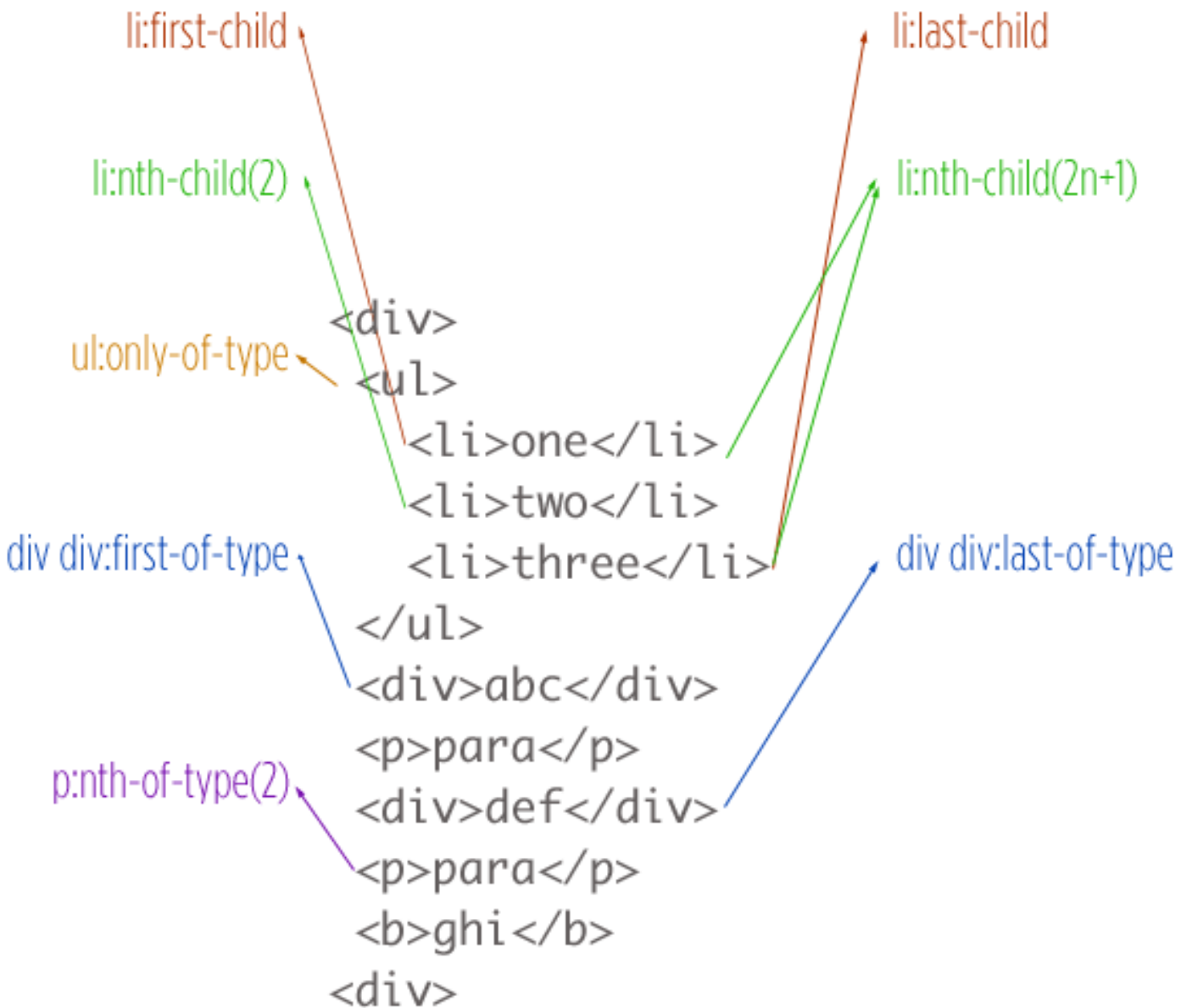
LINK RELATED PSEUDO-CLASSES

Types	Meaning / Use
<code>:link</code>	<code><a></code> with href defined
<code>:visited</code>	<code><a></code> already clicked or being clicked
<code>:hover</code>	target has mouse over it
<code>:active</code>	when about to be clicked ~ clicking

INPUT & LINK PSEUDO-CLASSES

Types	Meaning / Use
<code>:focus</code>	Target with current focus
<code>:target</code>	Hash in URL matching ID attribute
<code>:enabled</code>	Targets that are ready to use (not disabled)
<code>:disabled</code>	Opposite of enabled
<code>:checked</code>	Checkboxes that are checked
<code>:indeterminate</code>	Radios with nothing chosen
<code>:required</code>	Inputs with required attribute defined
<code>:read-only</code>	Based on a combination of read-only and disabled attributes

POSITIONAL BASED PSEUDO-CLASSES



:not()

Removes elements that do not match the selector.

```
:not (p) {  
    font-weight: bolder; // Any element NOT a paragraph element  
}
```

:empty()

Has absolutely no children (text or DOM)

TEXT RELATED PSEUDO-ELEMENT

`::first-letter` || `::first-line`

Selects the first letter or line in the text

```
/* The first line of every <p> element. */  
p::first-line {  
  color: blue;  
  text-transform: uppercase;  
}
```

It was a dark and stormy night.

IT WAS A DARK AND STORMY NIGHT.

CONTENT-BASED PSEUDO-ELEMENT

::before / ::after

Add inline content before (after) a certain element. It is often used to add cosmetic content with the content property

```
<q>Some quotes</q>, he said, <q>are better than none.</q>
```

```
q::before {  
  content: "&ldquo;";  
}  
q::after {  
  content: "&rdquo;";  
}
```

A pseudo-element is like adding an extra element without having to add more HTML.

```
article::first-letter {  
    color: rgb(22,122,3);  
    font-size: calc(2em * 2);  
}
```

```
/* The calc() is a CSS function  
 * that lets you perform  
 * calculations on several property  
 * values */
```

PSEUDO-ELEMENTS

PSEUDO-ELEMENT

::marker

The `::marker` pseudo-element lets you style a list or a `<summary>` element

HTML	CSS	OUTPUT
<pre>1 li::marker { 2 content: '†'; 3 font-size: 1.2em; 4 } 5</pre>		<p>Group known as Mercury Seven:</p> <ul style="list-style-type: none">† Malcolm Scott Carpenter† Leroy Gordon (Gordo) Cooper Jr.† John Herschel Glenn Jr.† Virgil Ivan (Gus) Grissom† Walter Marty (Wally) Schirra Jr.† Alan Bartlett Shepard Jr.† Donald Kent (Deke) Slayton

PSEUDO-ELEMENT ::MARKER

```
ul ::marker {  
  font-size: 1.5em;  
}  
  
ol ::marker {  
  font-size: 1.1em;  
}  
  
summary::marker {  
  content: '\002B' ' '; /* Plus symbol with space */  
}  
  
details[open] summary::marker {  
  content: '\2212' ' '; /* Minus symbol with space */  
}
```

PSEUDO-ELEMENT

The `::selection` allows you to style selected text on your page

```
::selection {  
    background: green;  
    color: white;  
}
```

THERE ARE MORE...

