

Types of combinators

① Adjacent Sibling

② General

③ Not a Sibling

③ Child Combinator

④ Descendant Combinator

① Adding a plus b/w
the selectors you want
to combine

② div ~ p f

③ div > p f

④ div p f

Eg → div + p f

div + p + a f

(uses a whitespace

which we used in
our last lecture)

① h2 + p f

color: red;

→ assigns it to all para tags
that directly follow

a h2 tag

Eg → <h2> Not applied </h2>

<p> css applied </p>

②

Not applied in the below case cause it follows

a h3 tag)

(C2)

<h2> Not applied </h2>

<h3> Not " </h3>

<p> Not " </p>

This will get executed
if we have
h2 + h3 + p f
3 (00)

h3 + p f

3

Notes

① Element shares the same parent

→ above example every one are inside

② → 2nd element comes immediately after the first one

div

Not applicable

<div>

<h1>

<div>

<p>

</div>

</div>

They don't share the same parent

②

(for general sibling)

↳ little flexible

h2 rpf

color: red; → not necessary

3

p should immediately follow h2

(Previously discussed above

2 cases for →

Adjacent)

p → will get the red

Note

- ① Elements must share the same parent → (Same as adjacent)
- ② Second element comes after the first → not necessary that it has to be immediate

③ child combinator

div > p f

color: red;

(p should be a direct child of div)

Eg

<div>

<div>

<p>

<div>

<article>

<p> X (under article)

</article>

<p> ✓

</div>

Not applied

④ Descendant

(normal one)

div p f

color: red;

where all the p tags under div → Rule will be applied

(Cause there is a div somewhere above)

in the Dom

<div>

<div>

<p> ✓

<div>

<article>

<p> ✓

</article>

<p> ✓

</div>

4 → Rule

↳ 2nd element

(Descendant of the 1st child)

Probably the
Combinator

(which you use
most often)

Direct
Selectors

> Combinators

(shows better
perf than
combinators)

(Do this

if they
ask you to

be more
specific)

for the below case

Cas we are more
specific } we
use ID's)

it makes us
more flexible

#product -
overview h2f

}

① classes } have
great
performance

② ID

(Combinators

which use them

also perform pretty good)