

Three Things You Might Not Know . . . About CSS

TECHSHARE - JULY 18TH, 2017

.card__body .card__body—red

Browsers read CSS Rules from right-to-left

So this is actually matched first

.card__body .card__body—red

If the last element doesn’t match the element it’s looking at, it can easily be ignored…

Wasn’t always the case…

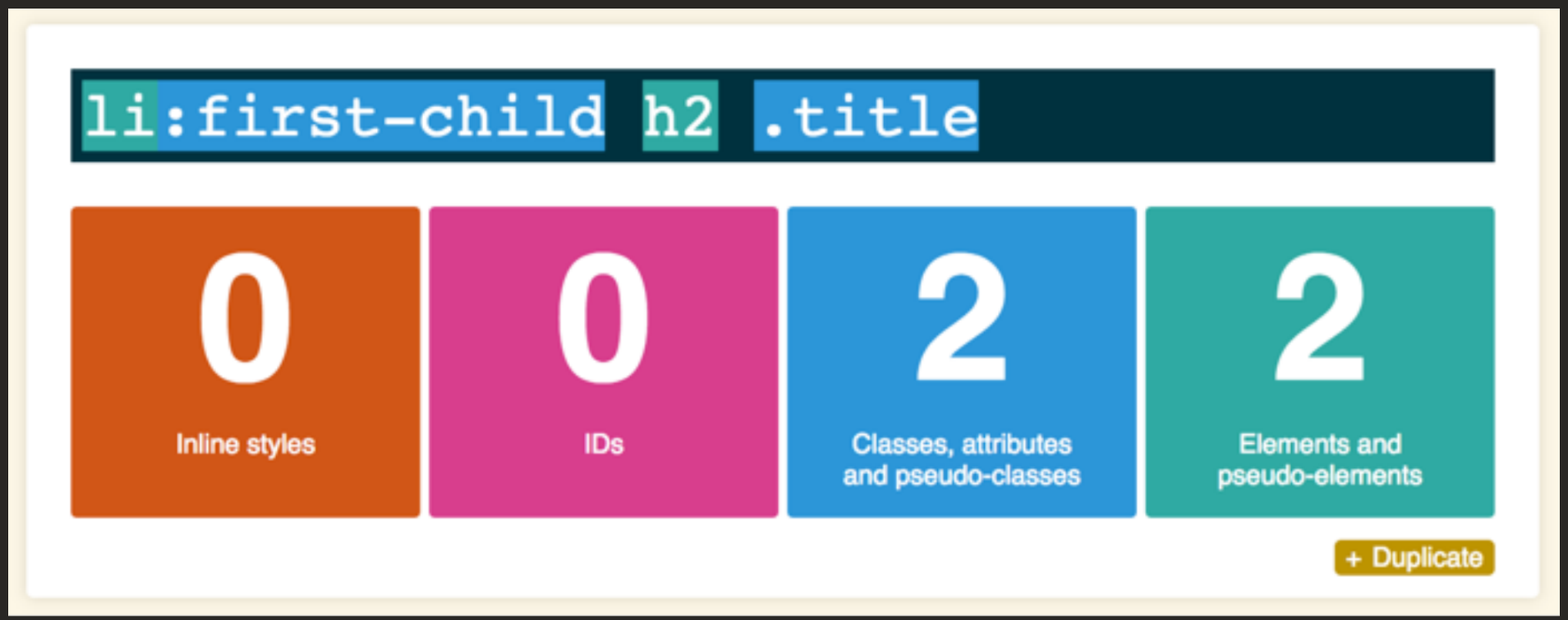
Google

70%

There's a lot more going on in browsers today to make it even faster…

DON’T USE IDS IN CSS

A quick note on specificity…



Play with the calculator: https://specificity.keegan.st/



Play with the calculator: https://specificity.keegan.st/

use @at-root

https://csswizardry.com/2012/05/keep-your-css-selectors-short/

CSS Counters

PROPERTIES

`counter-reset: counter-name;`
Used to define the counter

`counter-increment: counter-name;`
`counter-decrement: counter-name;`
Used to increment/decrement the counter

`content: counter(counter-name);`
Used to display the counter

https://codepen.io/chriscoyier/pen/sDoac

Can also be tied to elements and interactions on the page...

https://codepen.io/alexerlandsson/pen/KzQaEG

FUN!

Question?

Google

Gmail

COMPOSE

Inbox

Starred

Sent Mail

Drafts

More

The Fab Four Inbox x

Email on Acid

to me

8:19 AM (0 minutes ago)

Latin > English Translate message Turn off for: Latin

The Fab Four



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Illustrations by Ellias Stein



Simple Math

FUN!

The Fab Four

calc()
width
min-width
max-width

If the width value is greater than the max-width value, max-width wins.

If the min-width value is greater than the width or max-width values, min-width wins.

!important

If the width value is greater than the max-width value, max-width wins.

If the min-width value is greater than the width or max-width values, min-width wins.

```
.box {
    width: 320px;
    min-width: 480px;
    max-width: 160px;
}
```



```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px — 100%) * 480);
}
```

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px — 100%) * 480);
}
```

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

!important

If the width value is greater than the max-width value, max-width wins.

If the min-width value is greater than the width or max-width values, min-width wins.

With a parent of 500px...

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px — 100%) * 480);
}
```

With a parent of 500px...

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

250px

With a parent of 500px...

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

250px

500px

With a parent of 500px...

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

250px

500px

-9600px

With a parent of 500px...

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

250px

500px

-9600px

With a parent of 400px…

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px — 100%) * 480);
}
```

With a parent of 400px…

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

200px

With a parent of 400px…

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

200px

400px

With a parent of 400px…

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

200px

400px

38400px

With a parent of 400px…

```
.block {
    display:inline-block;
    min-width:50%;
    max-width:100%;
    width:calc((480px - 100%) * 480);
}
```

200px

400px

38400px

Demo

http://emails.hteumeuleu.fr/wp-content/uploads/2016/02/the-fab-four.html

Quirks:

- old outlook.com
- calc() support
- Outlook web app
- Webkit prefixes

```
.block {
    display:inline-block;
    min-width:240px;
    width: 50%;
    max-width:100%;
    min-width:-webkit-calc(50%);
    min-width:calc(50%);
    width:-webkit-calc(230400px - 48000%);
    width:calc(230400px — 48000%);
}
```


MAKE GIFS AT GIFSOUP.COM

Thank You!!