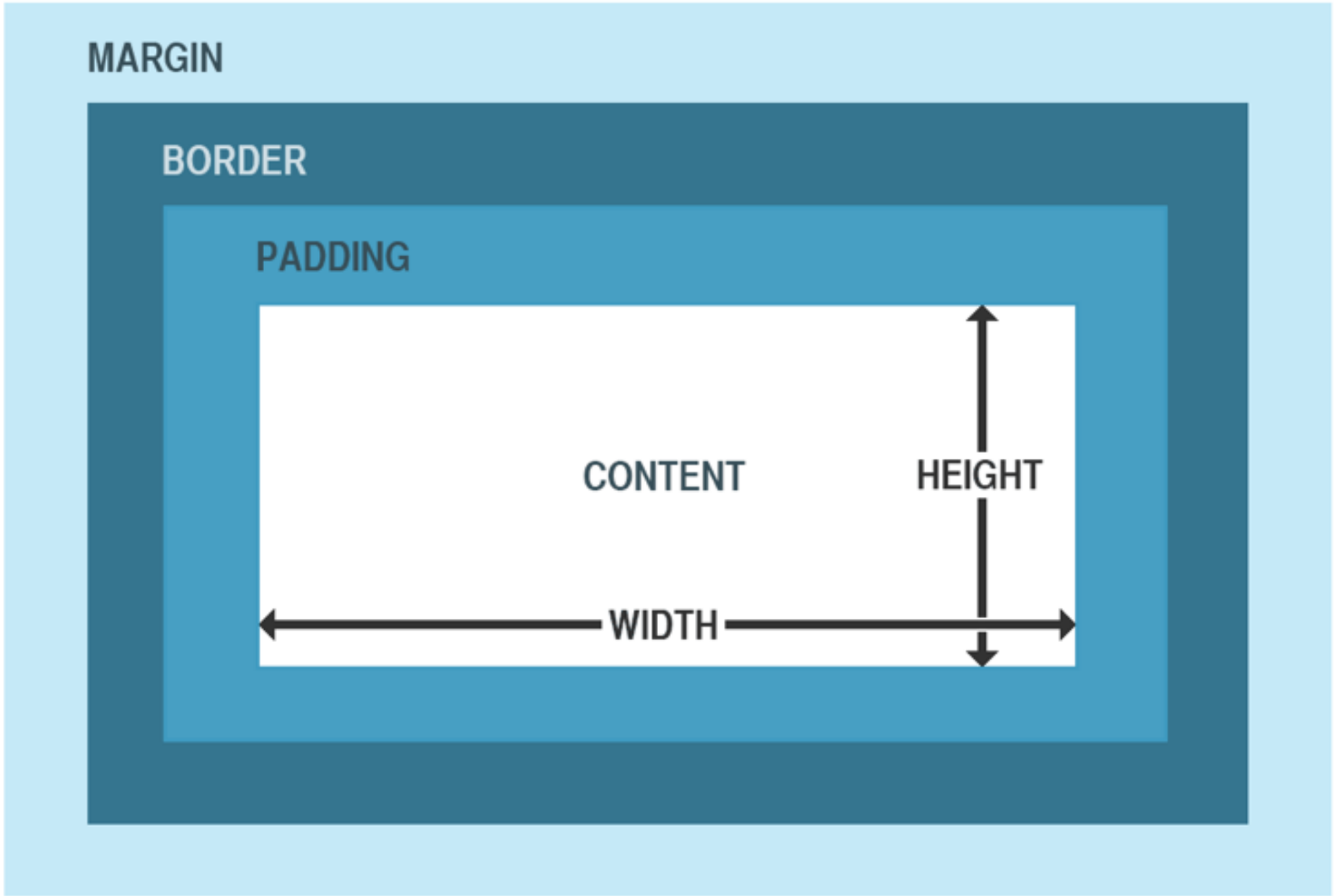
LUNCH AND LEARN

image: nirmal.com.au

Box Model



http://inserthtml.com/codex/wp-content/uploads/2012/06/box-model1.gif

```
*  {

   box-sizing: border-box;

}
```

"select all elements"

use this to prevent yourself from losing hair

adds border and padding to calculated total height and width of element (margins not included)

Normal CSS

Width: 300px
Padding 10px
Total Width: now 320px

Layout is broken!
You get to recalculate widths
and do work over again!

Border-Box

Width: 300px
Padding 10px
Total Width: Still 300px

Stays within the
confines of your box size

http://www.webdesignblog.org/solving-css-problems-box-sizing-border-box/

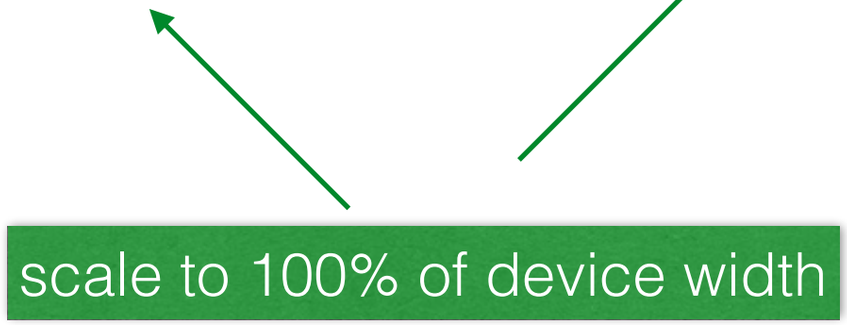
Media Queries

```
@media screen and (max-width: 500px) {
    /* do some CSS */
}
```

```
@media screen and (min-width: 500px) {
    /* do some CSS */
}
```

```
@media screen and (min-width: 500px) and (max-width:
1000px) {
    /* do some CSS */
}
```

<meta name="viewport" content="width=device-width, initial-scale=1">



prevents mobile devices from rendering the web page in the same width as a desktop screen

display: inline-block

- behaves like a combination of block and inline elements
- inline-block containers can be separated by whitespace

Steps to have multiple columns

1. display: inline-block
2. assuming outer margin / padding is taken cared of by parent container

   %width =
   (100% - (num of margin-right * size%)) / num of columns
3. font-size: 0 on parent container to remove whitespace (there are other methods)
4. use normal font-size on child element

Other methods:

- **inline-block (more info)**
  https://css-tricks.com/fighting-the-space-between-inline-block-elements/

- **float**
  - read about clearing floats
  https://css-tricks.com/almanac/properties/f/float/

- **flexbox**
  - take note of browser support