

CSS

5 things to nevarr forget

- HTML structure dictates CSS structure
- Always use class selectors
- Avoid deep selector chains
- Know the box model and z-index
- Work cross-browser

Why is CSS easy?

- Simple structure
- A handful of selectors
- Lots of properties
- Low conceptual barrier

```
selector {  
  property: value;  
}
```

Why is CSS hard?

- Low conceptual barrier
- Informal framework
- Not amenable to OOD
- Trial-by-adoption -> no coherent overview (W3C)

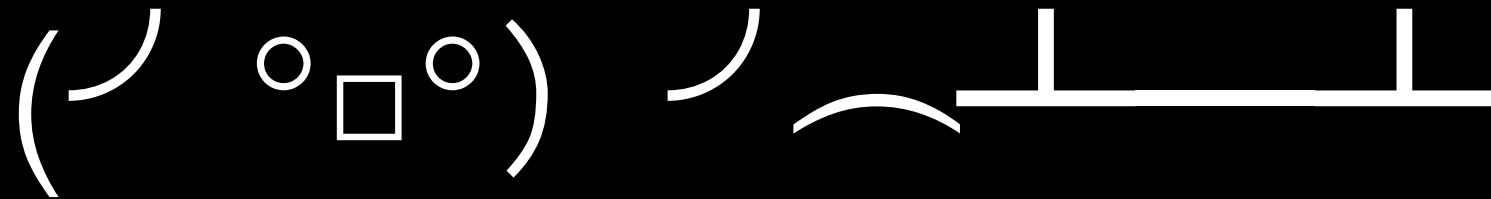
HTML ~ CSS

- Semantic Structure -> DOM tree
- Class Structure -> cascading styles
- Component-ize your HTML and use OOCSS
- Look at BEM & SMACSS

Class Selectors .4 .eva

- Avoid 'raw' element selectors
- Style your class structure, not your semantic structure

Deep selector chains



- Watch for Specificity issues
- Avoid !important
- Try BEM to avoid endless selector chains

Know your box model (and z-index)

- Box model is everything you need for layout issues - <https://css-tricks.com/the-css-box-model/>
- Use `outline` in development
- `z-index` -> more sparingly than you think - <http://philipwalton.com/articles/what-no-one-told-you-about-z-index/>

Cross-Browser

- CanIUse?
- Browser prefixes
- -prefix-free in the head

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