CS197wp
Intro to Web Programming

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specificity

id selectors  class selectors  tag selectors
#sampleID .sampleClass sampleTag

x y z

x, y, z
specificity

#sampleID p p.sampleClass div p

winner
specificity

#sampleID p  p.sampleClass  div p

1,0,1  0,1,1  0,0,2

winner

1,0,1

#sampleID p
Media queries

```css
@media screen and (min-width:500px){
  selector {
    display:block;
  }
}
```

- Media type
- Connective
- Media feature
Media queries

@media screen and (min-width:500px) {
    selector {
        display:block;
    }
}

- Applies to devices with screens
- Applies to devices at least 500px wide
Media types

- **All**
  - All devices are affected
- **Print**
  - Only applied when printed
- **Screen**
  - Applies to all devices with screens
- **Speech**
  - Applies to screen readers etc.
Media features

- min-width : #px
  - Device must be at least #px in width

- max-width : #px
  - Device must be less than #px in width

- orientation
  - landscape
  - portrait
Min and max

- min-width: #px
  - Requires an element is never smaller than #px

- max-width: #px
  - Prevents an element from being larger than #px

- Very useful in combination with width: #%
<style>
  #special{
    width:33%;
    min-width:200px;
    max-width:500px;
    background-color:red;
    height:200px;
  }
</style>

<div id="special"></div>
Min and max

minmax.html