

LEARN WEB

ale66

RECAP

CONCEPTS, A

The responsive approach, ch. 13/14 of the textbook

- sees the page as a collection of *fixed blocks* containing text, AV etc.
- now the size of the physical display matters: smartphone, tablet, laptop or desktop?

THE SETUP

CSS:

```
1 * {  
2   box-sizing: border-box;  
3 }
```

HTML

```
1 <head>  
2   <meta name = "viewport"  
3     content = "width=device-width, initial-scale=1.0">  
4   ...  
5 </head>
```

CONCEPTS, B

The responsive approach, ch. 14 of the textbook

- sees the page as a collection of *fixed blocks* containing text, AV etc.
- now the size of the physical display matters: smartphone, tablet, laptop or desktop?
- blocks are indexed to the display size: 50%, 60% etc.

```
1 div {  
2   width: 50%;  
3   padding: 20px;  
4   border: 5px solid black;  
5 }
```

CONCEPTS, 3

The responsive approach, ch. 13/14 of the textbook

- sees the page as a collection of *fixed blocks* containing text, AV etc.
- now the size of the physical display matters: smartphone, tablet, laptop or desktop?
- blocks are indexed to the display size: 50%, 60% etc.
- CSS scales blocks to actual sizes
- menus and block may appear/disappear or be stacked up differently

THE MAGICIAN, A

```
1 /* don't normally show these elements */
2 .quotation {
3     display: none;
4     padding-right: 1.67%;
5 }
```

THE MAGICIAN, B

Media queries change the CSS at runtime to adapt it to the display

```
1 /* don't normally show these elements */
2 .quotation {
3     display: none;
4     padding-right: 1.67%;
5 }
```

```
1 @media (min-width: 750px) {
2     /* ok, it's a big screen:
3         show quotations */
4     .quotation {
5         display: block;
6     }
7 }
```

CONSEQUENCES FOR IMAGES

Images might be zoomed in or out
zooming can be blocked

```
1 img {  
2   max-width: 100%;  
3   height: auto;  
4 }
```

When image quality matters, it's better to have 3/4 versions
of the same image at different resolution and aspect ratio

CONSEQUENCES FOR TEXT

Fixed text, expressed in `px`, is going to clash with the boxes
(see example)

Relative font size, `rem` is the way

However, all visible boxes should also be made relative:
we end up with a CSS full of `%` symbols and no `px`

A bit labour-intensive Take 10 minutes to work on
exercise 14-4