

Learn CSS By Use Cases

ebook by Joe Harrison



Image Related Properties

Featuring
object-fit width height



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Image Related Properties

Properties

Intro

In this section we should pay close attention to the object-fit property. Along with this property (which is specific to HTML images only) we will show use cases for: height, width, padding, border and border-radius. Unfortunately, object-fit doesn't work in Internet Explorer but if you are like me - that will not put you off.

Syntax

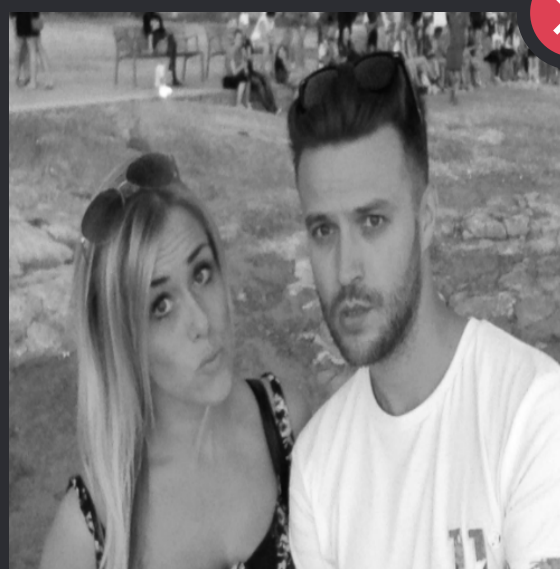
The object-fit property accepts only pre-defined keywords, the main ones I use are cover and contain. Once again working with width, height, padding and border is made much easier by enabling box-sizing: border-box.

height and width

Apply dimensions to an image



height/width only



height and width

If we set **only height or width** the image will automatically scale itself

If we set **both height and width** the image will be stretched to fill the space



object-fit: cover

Expand image to fill dimensions



cover will make sure the image scales to cover the dimensions (great for creating avatars)

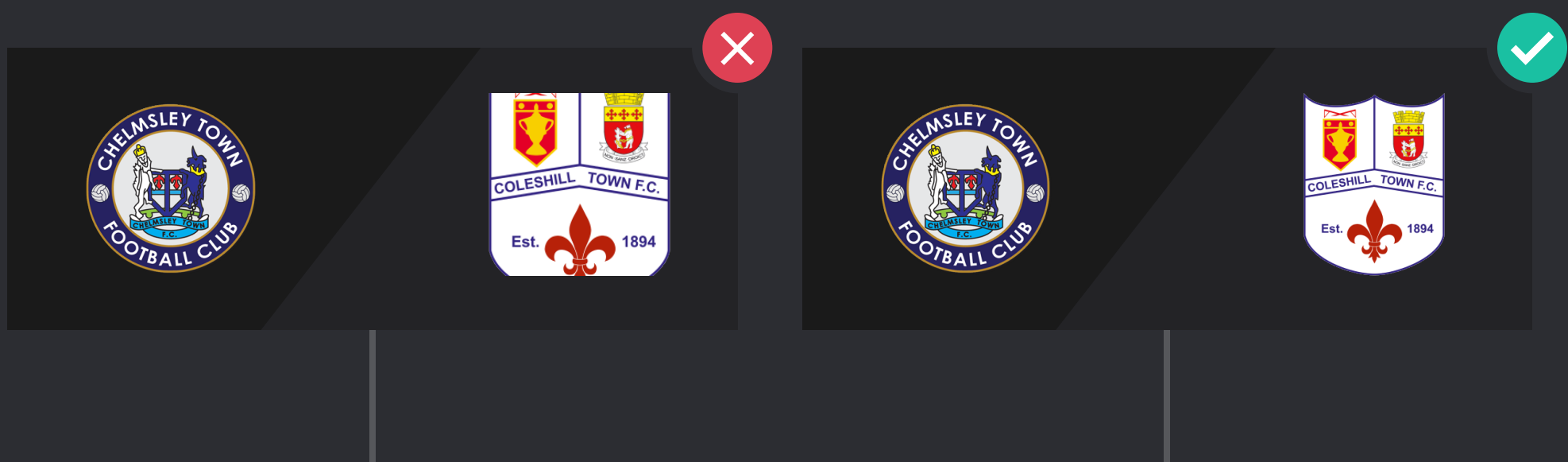
height and width can be set without distorting image

```
.profile-image {  
  width: 3rem;  
  height: 3rem;  
  border-radius: 50%;  
  object-fit: cover;  
}
```

We can add **border-radius** to images

object-fit: contain

Reduce image to fill dimensions



cover will not work here

contain will make sure the
whole image is in view

```
.team-image {  
  width: 3rem;  
  height: 3rem;  
  object-fit: contain;  
}
```

padding and border

Add special effects to images



We can add
padding and
border to images

```
.profile-image {  
  width: 3rem;  
  height: 3rem;  
  padding: 0.25rem;  
  border: 2px solid rgba(255, 255, 255, 0.24);  
  border-radius: 50%;  
  object-fit: cover;  
}
```

Image Related Properties

Properties

Knowledge Gained

- 🏆 Setting height or width on their own will automatically scale the other side
- 🏆 To create square or round avatars we should use `object-fit: cover`
- 🏆 To fit an image into a given space we should use `object-fit: contain`
- 🏆 Images can have padding and borders
- 🏆 Images can be cropped to a circle without using `overflow: hidden`



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