Converting Colors

RGB(37, 182, 176)

Have a look what the booklet for RGB(37, 182, 176) contains.

RGB(37, 182, 176) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

RGB(37, 182, 176)

Conversions

Conversions Part 1

Format	Color
Hex	25B6B0
RGB	37, 182, 176
RGB Percent	15%, 71%, 69%
CMY	0.8549, 0.2863, 0.3098
CMYK	0.80, 0.00, 0.03, 0.29
HSL	178°, 66%, 43%
HSV	178°, 80%, 71%
XYZ	25.3274, 36.9838, 46.8780
YIQ	137.9610, -84.4940, -32.6060

Conversions

Conversions Part 2

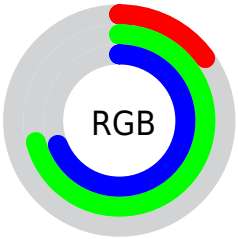
Format	Color
RYB	37, 111, 182
Decimal	2471600
CIELab	67.26, -37.15, -7.46
CIELCh	67, 37.890, 191.354
Yxy	36.9838, 0.2320, 0.3387
Android (android.graphics.Color)	4280661680 (0xFF25B6B0)
YUV	137.9610, 18.7532, -88.5428
Hunter-Lab	60.8143, -32.0850, -3.1330

Details

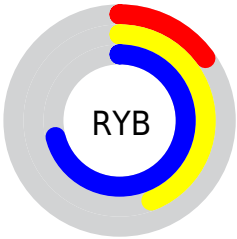
The RGB color 37, 182, 176 is a dark color, and the websafe version is hex 33CCCC. A complement of this color would be 182, 37, 43, and the grayscale version is 138, 138, 138.

A 20% lighter version of the original color is 110, 239, 232, and 0, 128, 124 is the 20% darker color. If you saturate the color by 10%, you get 19, 182, 175, and if you desaturate by 10%, it is 55, 182, 177.

Distribution

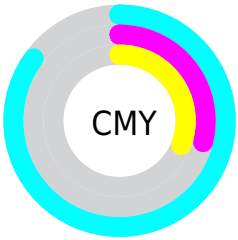


- Red (15%)
- Green (71%)
- Blue (69%)



- Red (15%)
- Yellow (44%)
- Blue (71%)

- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (85%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 37, 182, 176 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 37, 182, 176 by changing the saturation by 10% instead.

37, 182, 176

255, 255, 255

110, 239, 232

141, 255, 255

171, 255, 255

201, 255, 255

231, 255, 255

37, 182, 176

0, 155, 149

0, 128, 124

0, 103, 99

0, 78, 75

0, 54, 52

0, 34, 31

0, 0, 7

0, 0, 0

37, 182, 176

37, 182, 176

19, 182, 175

1, 182, 174

0, 182, 174

55, 182, 177

73, 182, 178

92, 182, 178

110, 182, 179

128, 182, 180

146, 182, 181

164, 182, 181

183, 182, 182

201, 182, 183

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

92, 180, 141

37, 182, 176

0, 180, 208

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

37, 182, 176

184, 150, 215

204, 154, 99

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

37, 182, 176

182, 37, 43

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

225, 143, 120

37, 182, 176

217, 140, 186

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

37, 182, 176

135, 163, 230

230, 137, 152

173, 166, 96

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

37, 182, 176

49, 176, 223

230, 137, 152

212, 150, 105

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

37, 182, 176

180, 237, 235

44, 182, 37

85, 120, 118

247, 247, 247

120, 120, 120

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

37, 182, 176

9, 237, 228

37, 117, 182

83, 92, 91

0, 156, 149

0, 28, 27

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

182, 37, 43

237, 9, 19

182, 102, 37

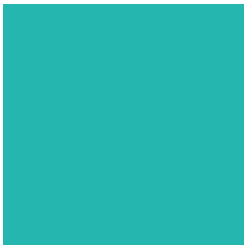
92, 83, 83

156, 0, 6

28, 0, 1

Previews

White Background



This preview shows how the RGB color 37, 182, 176 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background

This preview shows how the RGB color 37, 182, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 37, 182, 176 Background

This preview shows how black text looks on a background with the RGB color 37, 182, 176.

This preview shows how white text looks on a background with the RGB color 37, 182, 176.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
37, 182, 176

Protanopia
165, 162, 164

Deuteranopia
170, 158, 181

Tritanopia
52, 179, 194

Trichromacy

Original Color
37, 182, 176

Protanomaly
118, 169, 168

Deuteranomaly
122, 167, 179

Tritanomaly
47, 180, 187

Monochromacy

Original Color
37, 182, 176

Achromatopsia
138, 138, 138

Achromatomaly
101, 154, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 37, 182, 176 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(37, 182, 176) looks like.

```
.text, #text, p{
    color:rgb(37, 182, 176)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(37, 182, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 182, 176) }
```

Border

The CSS property to change the border of an element to RGB 37, 182, 176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(37, 182, 176) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(37, 182, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(37, 182, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(37, 182, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(37, 182, 176); box-shadow:4px 4px 4px 4px rgb(37, 182, 176) }
```

Background

The CSS property to change the background color of an element to RGB 37, 182, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(37, 182, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(37, 182, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

Follow me on Twitter!

@ConvertingColor