

Converting Colors

RGB(37, 198, 175)

Have a look what the booklet for
RGB(37, 198, 175) contains.

RGB(37, 198, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(37, 198, 175)

Conversions

Conversions Part 1

Format	Color
Hex	25C6AF
RGB	37, 198, 175
RGB Percent	15%, 78%, 69%
CMY	0.8549, 0.2235, 0.3137
CMYK	0.81, 0.00, 0.12, 0.22
HSL	171°, 69%, 46%
HSV	171°, 81%, 78%
XYZ	28.6949, 43.8766, 47.5141
YIQ	147.2390, -88.5730, -41.2850

Conversions

Conversions Part 2

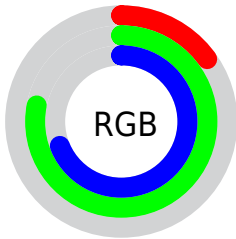
Format	Color
RYB	37, 124, 198
Decimal	2475695
CIELab	72.15, -44.52, 0.28
CIELCh	72, 44.518, 179.644
Yxy	43.8766, 0.2390, 0.3654
Android (android.graphics.Color)	4280665775 (0xFF25C6AF)
YUV	147.2390, 13.6862, -96.6796
Hunter-Lab	66.2394, -38.5929, 3.8384

Details

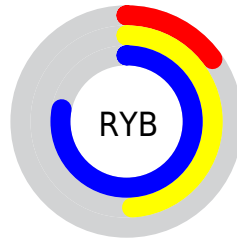
The RGB color **37, 198, 175** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **198, 37, 60**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **112, 255, 230**, and **0, 143, 123** is the 20% darker color. If you saturate the color by 10%, you get **17, 198, 172**, and if you desaturate by 10%, it is **57, 198, 178**.

Distribution



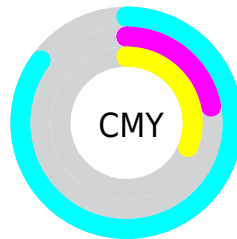
- Red (15%)
- Green (78%)
- Blue (69%)



- Red (15%)
- Yellow (49%)
- Blue (78%)



- Cyan (81%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



















- Cyan (85%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 37, 198, 175 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, 198, 175 by changing the saturation by 10% instead.

 37, 198, 175	 37, 198, 175
 255, 255, 255	 0, 170, 148
 112, 255, 230	 0, 143, 123
 144, 255, 255	 0, 117, 98
 174, 255, 255	 0, 91, 74
 205, 255, 255	 0, 67, 52
 236, 255, 255	 0, 44, 31
	 0, 14, 7
	 0, 0, 0

 37, 198, 175  37, 198, 175

■ 17, 198, 172

■ 57, 198, 178

■ 0, 198, 170

■ 77, 198, 181

■ 96, 198, 183

■ 116, 198, 186

■ 136, 198, 189

■ 156, 198, 192

■ 176, 198, 195

■ 195, 198, 198

■ 215, 198, 200

Harmonies

Analogous

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



111, 194, 134



37, 198, 175



0, 197, 216

Triad

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



37, 198, 175



180, 166, 248



235, 160, 108

Complementary

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



37, 198, 175



198, 37, 60

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.



253, 148, 139



37, 198, 175



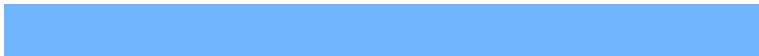
227, 152, 219

Square

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



37, 198, 175



111, 181, 255



252, 144, 179



203, 174, 94

Rectangle

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



37, 198, 175



0, 194, 238



252, 144, 179



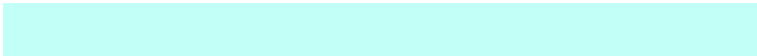
243, 155, 116

Sweetspot

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



37, 198, 175



194, 255, 246



61, 198, 37



91, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



37, 198, 175



5, 255, 219



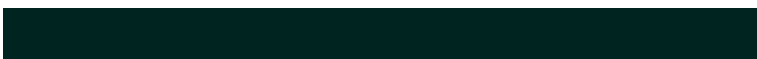
37, 142, 198



90, 99, 98



0, 163, 140



0, 36, 31

Inverse Universe

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



198, 37, 60



255, 5, 41



198, 93, 37



99, 90, 91



163, 0, 23



36, 0, 5

Previews

White Background



This preview shows how the RGB color 37, 198, 175 looks on a white background.

Color Contrast Check

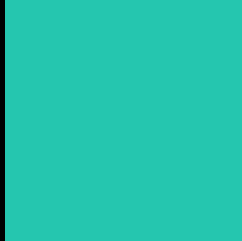
Large Text (above 18pt) WCAG AA × Fail

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, 198, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

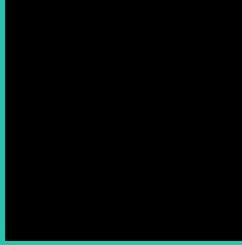
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

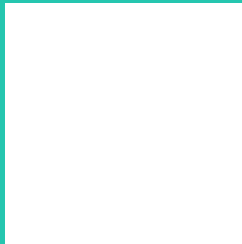
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 37, 198, 175 Background



This preview shows how black text looks on a background with the RGB color 37, 198, 175.

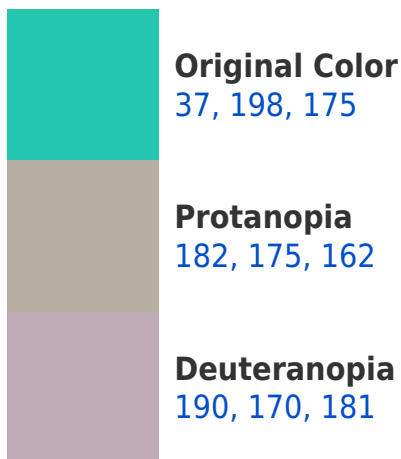


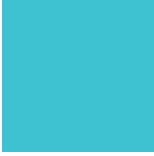
This preview shows how white text looks on a background with the RGB color 37, 198, 175.

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





Tritanopia
62, 193, 209

Trichromacy



Original Color

37, 198, 175



Protanomaly

129, 183, 167



Deuteranomaly

134, 180, 179



Tritanomaly

53, 195, 197

Monochromacy



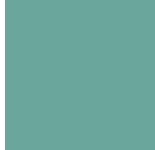
Original Color

37, 198, 175



Achromatopsia

147, 147, 147



Achromatomaly

107, 166, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 37, 198, 175 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, 198, 175)` looks like.

```
.text, #text, p{  
    color:rgb(37, 198, 175)  
}
```

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, 198, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 198, 175) }
```

Border

The CSS property to change the border of an element to RGB 37, 198, 175 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, 198, 175) }
```

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

```
.border{ border-color:rgb(37, 198, 175) }
```

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

Here you see how a box with a 4 pixel rgb(37, 198, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(37, 198,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 37, 198, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 198, 175) }
```

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

```
.background{ background-color: rgb(37, 198,  
175) }
```

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](#).

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