

Converting Colors

RGB(75, 198, 176)

Have a look what the booklet for
RGB(75, 198, 176) contains.

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Color

RGB(75, 198, 176)

Conversions

Conversions Part 1

Format	Color
Hex	4BC6B0
RGB	75, 198, 176
RGB Percent	29%, 78%, 69%
CMY	0.7059, 0.2235, 0.3098
CMYK	0.62, 0.00, 0.11, 0.22
HSL	169°, 52%, 54%
HSV	169°, 62%, 78%
XYZ	30.9322, 45.0186, 48.1335
YIQ	158.7150, -66.2460, -32.9180

Conversions

Conversions Part 2

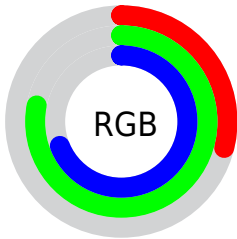
Format	Color
RYB	75, 143, 198
Decimal	4966064
CIELab	72.90, -39.28, 0.93
CIELCh	73, 39.296, 178.648
Yxy	45.0186, 0.2493, 0.3628
Android (android.graphics.Color)	4283156144 (0xFF4BC6B0)
YUV	158.7150, 8.5215, -73.4181
Hunter-Lab	67.0959, -35.1267, 4.4335

Details

The RGB color **75, 198, 176** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **198, 75, 97**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **136, 255, 232**, and **0, 143, 124** is the 20% darker color. If you saturate the color by 10%, you get **55, 198, 172**, and if you desaturate by 10%, it is **95, 198, 180**.

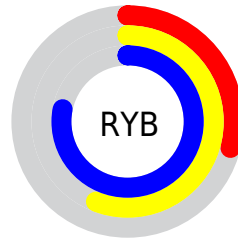
Distribution



Red (29%)

Green (78%)

Blue (69%)



Red (29%)

Yellow (56%)

Blue (78%)

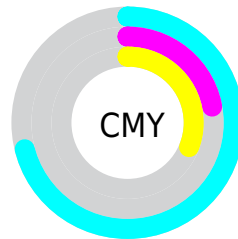


Cyan (62%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (71%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RGB color 75, 198, 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 75, 198, 176 by changing the saturation by 10% instead.

 75, 198, 176

 75, 198, 176


255, 255, 255

 38, 170, 149

 136, 255, 232

 0, 143, 124

 166, 255, 255

 0, 117, 99

 195, 255, 255

 0, 92, 75


 225, 255, 255


 0, 67, 52

 0, 45, 31

 0, 18, 8

 0, 0, 0

 75, 198, 176

 75, 198, 176

■ 55, 198, 172

■ 95, 198, 180

■ 35, 198, 169

■ 115, 198, 183

■ 16, 198, 165

■ 134, 198, 187

■ 0, 198, 163

■ 154, 198, 190

■ 174, 198, 194

■ 194, 198, 197

■ 214, 198, 201

■ 233, 198, 204

■ 253, 198, 208

Harmonies

Analogous

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



124, 195, 140



75, 198, 176



20, 197, 212

Triad

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



75, 198, 176



181, 170, 242



233, 164, 119

Complementary

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



75, 198, 176



198, 75, 97

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.



248, 154, 146



75, 198, 176



223, 158, 217

Square

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



75, 198, 176



124, 183, 250



246, 151, 182



204, 176, 106

Rectangle

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



75, 198, 176



35, 195, 232



246, 151, 182



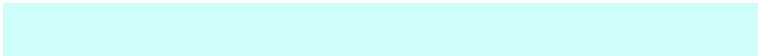
239, 160, 126

Sweetspot

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



75, 198, 176



207, 255, 246



98, 198, 75



98, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



75, 198, 176



64, 255, 221



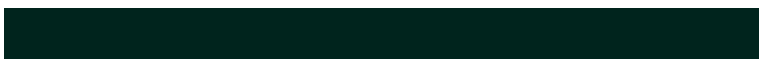
75, 159, 198



90, 99, 98



0, 163, 134



0, 36, 29

Inverse Universe

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



198, 75, 97



255, 64, 98



198, 114, 75



99, 90, 91



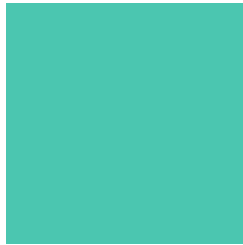
163, 0, 29



36, 0, 6

Previews

White Background



This preview shows how the RGB color 75, 198, 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 75, 198, 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

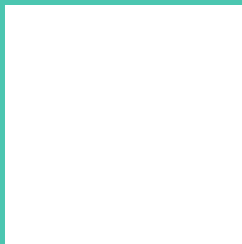
Any Text WCAG AAA ✓ Pass

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

RGB 75, 198, 176 Background



This preview shows how black text looks on a background with the RGB color 75, 198, 176.

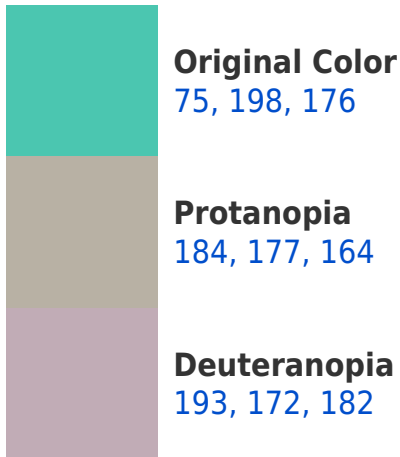


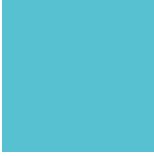
This preview shows how white text looks on a background with the RGB color 75, 198, 176.

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





Tritanopia
88, 193, 209

Trichromacy



Original Color

75, 198, 176



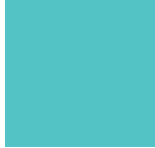
Protanomaly

144, 185, 168



Deuteranomaly

150, 181, 180



Tritanomaly

83, 195, 197

Monochromacy



Original Color

75, 198, 176



Achromatopsia

159, 159, 159



Achromatomaly

128, 173, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 198, 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(75, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(75, 198, 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(75, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 198, 176) }
```

Border

The CSS property to change the border of an element to RGB 75, 198, 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(75, 198, 176) }
```

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

```
.border{ border-color:rgb(75, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(75, 198,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 75, 198, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 198, 176) }
```

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

```
.background{ background-color: rgb(75, 198,  
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](#).

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