

Converting Colors

RGB(75, 200, 174)

Have a look what the booklet for
RGB(75, 200, 174) contains.

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Color

RGB(75, 200, 174)

Conversions

Conversions Part 1

Format	Color
Hex	4BC8AE
RGB	75, 200, 174
RGB Percent	29%, 78%, 68%
CMY	0.7059, 0.2157, 0.3176
CMYK	0.62, 0.00, 0.13, 0.22
HSL	168°, 53%, 54%
HSV	168°, 62%, 78%
XYZ	31.1959, 45.8604, 47.2521
YIQ	159.6610, -66.1540, -34.5860

Conversions

Conversions Part 2

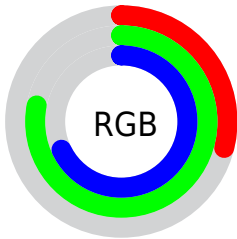
Format	Color
RYB	75, 145, 200
Decimal	4966574
CIELab	73.45, -40.68, 2.81
CIElCh	73, 40.781, 176.046
Yxy	45.8604, 0.2510, 0.3689
Android (android.graphics.Color)	4283156654 (0xFF4BC8AE)
YUV	159.6610, 7.0691, -74.2477
Hunter-Lab	67.7203, -36.2831, 6.0344

Details

The RGB color **75, 200, 174** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **200, 75, 101**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **136, 255, 229**, and **0, 145, 122** is the 20% darker color. If you saturate the color by 10%, you get **55, 200, 170**, and if you desaturate by 10%, it is **95, 200, 178**.

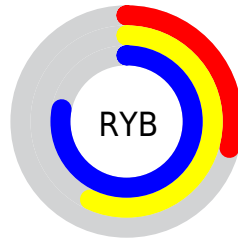
Distribution



Red (29%)

Green (78%)

Blue (68%)



Red (29%)

Yellow (57%)

Blue (78%)

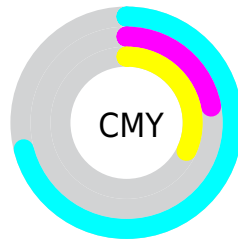


Cyan (62%)

Magenta (0%)

Yellow (13%)

Black (22%)



Cyan (71%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the RGB color 75, 200, 174 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, 200, 174 by changing the saturation by 10% instead.

 75, 200, 174  75, 200, 174

255, 255, 255  38, 172, 147

 136, 255, 229  0, 145, 122

 166, 255, 255  0, 119, 97

 195, 255, 255  0, 94, 73

 225, 255, 255  0, 69, 51

 0, 46, 30

 0, 21, 5

 0, 0, 0

 75, 200, 174  75, 200, 174

■ 55, 200, 170

■ 95, 200, 178

■ 35, 200, 166

■ 115, 200, 182

■ 15, 200, 162

■ 135, 200, 186

■ 0, 200, 158

■ 155, 200, 191

■ 175, 200, 195

■ 195, 200, 199

■ 215, 200, 203

■ 235, 200, 207

■ 255, 200, 211

Harmonies

Analogous

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



127, 196, 137



75, 200, 174



0, 200, 212

Triad

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



75, 200, 174



177, 173, 248



238, 163, 120

Complementary

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



75, 200, 174



200, 75, 101

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.



252, 153, 150



75, 200, 174



223, 159, 223

Square

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



75, 200, 174



116, 186, 254



248, 151, 187



209, 176, 105

Rectangle

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



75, 200, 174



0, 197, 233



248, 151, 187



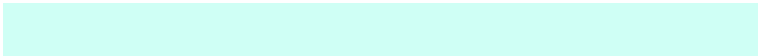
245, 159, 128

Sweetspot

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



75, 200, 174



207, 255, 245



102, 200, 75



98, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



75, 200, 174



64, 255, 215



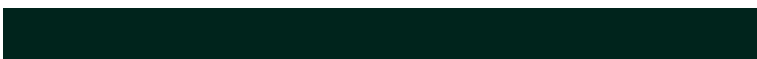
75, 165, 200



90, 99, 97



0, 163, 129



0, 36, 28

Inverse Universe

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



200, 75, 101



255, 64, 104



200, 110, 75



99, 90, 92



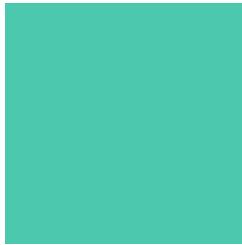
163, 0, 34



36, 0, 7

Previews

White Background



This preview shows how the RGB color 75, 200, 174 looks on a white background.

Color Contrast Check

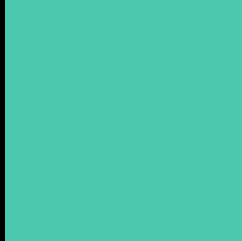
Large Text (above 18pt) WCAG AA × Fail

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, 200, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

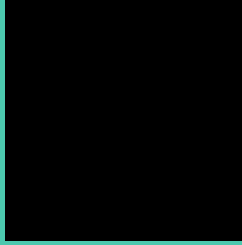
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

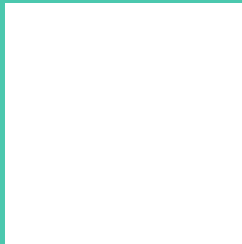
Any Text WCAG AAA ✓ Pass

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

RGB 75, 200, 174 Background



This preview shows how black text looks on a background with the RGB color 75, 200, 174.

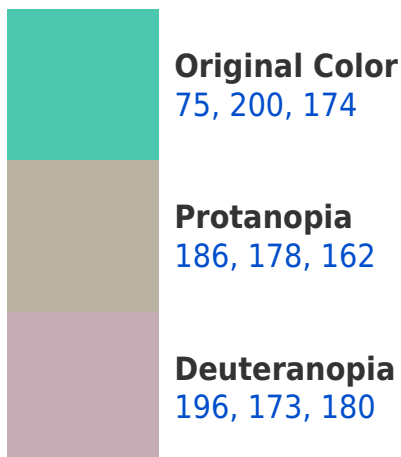


This preview shows how white text looks on a background with the RGB color 75, 200, 174.

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
90, 195, 211

Trichromacy



Original Color

75, 200, 174



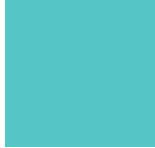
Protanomaly

146, 186, 166



Deuteranomaly

152, 183, 178



Tritanomaly

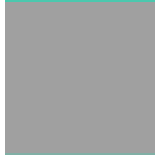
85, 197, 198

Monochromacy



Original Color

75, 200, 174



Achromatopsia

160, 160, 160



Achromatomaly

129, 175, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 200, 174 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, 200, 174)` looks like.

```
.text, #text, p{  
    color:rgb(75, 200, 174)  
}
```

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, 200, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 200, 174) }
```

Border

The CSS property to change the border of an element to RGB 75, 200, 174 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, 200, 174) }
```

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

```
.border{ border-color:rgb(75, 200, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 200, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 200, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 200, 174);  
box-shadow:4px 4px 4px 4px rgb(75, 200,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 75, 200, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 200, 174) }
```

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

```
.background{ background-color: rgb(75, 200,  
174) }
```

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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