

Converting Colors

RGB(47, 198, 176)

Have a look what the booklet for
RGB(47, 198, 176) contains.

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Color

RGB(47, 198, 176)

Conversions

Conversions Part 1

Format	Color
Hex	2FC6B0
RGB	47, 198, 176
RGB Percent	18%, 78%, 69%
CMY	0.8157, 0.2235, 0.3098
CMYK	0.76, 0.00, 0.11, 0.22
HSL	171°, 62%, 48%
HSV	171°, 76%, 78%
XYZ	29.2028, 44.1271, 48.0525
YIQ	150.3430, -82.9340, -38.8540

Conversions

Conversions Part 2

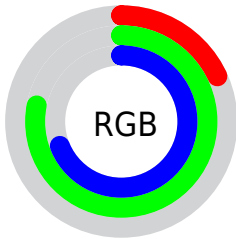
Format	Color
RYB	47, 128, 198
Decimal	3131056
CIELab	72.31, -43.27, -0.01
CIELCh	72, 43.271, 180.008
Yxy	44.1271, 0.2406, 0.3635
Android (android.graphics.Color)	4281321136 (0xFF2FC6B0)
YUV	150.3430, 12.6489, -90.6318
Hunter-Lab	66.4282, -37.7781, 3.6108

Details

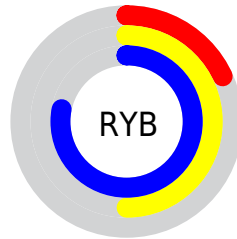
The RGB color **47, 198, 176** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **198, 47, 69**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **117, 255, 232**, and **0, 143, 124** is the 20% darker color. If you saturate the color by 10%, you get **27, 198, 173**, and if you desaturate by 10%, it is **67, 198, 179**.

Distribution



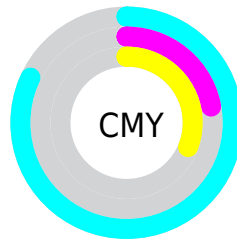
- Red (18%)
- Green (78%)
- Blue (69%)



- Red (18%)
- Yellow (50%)
- Blue (78%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (82%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 47, 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 47, 198, 176 by changing the saturation by 10% instead.



47, 198, 176



47, 198, 176

255, 255, 255



0, 170, 149



117, 255, 232



0, 143, 124



148, 255, 255



0, 117, 99



179, 255, 255



0, 91, 75



209, 255, 255



0, 67, 52



240, 255, 255



0, 44, 31



0, 15, 8



0, 0, 0



47, 198, 176



47, 198, 176

■ 27, 198, 173

■ 67, 198, 179

■ 7, 198, 170

■ 87, 198, 182

■ 0, 198, 169

■ 106, 198, 185

■ 126, 198, 188

■ 146, 198, 190

■ 166, 198, 193

■ 186, 198, 196

■ 205, 198, 199

■ 225, 198, 202

Harmonies

Analogous

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



113, 194, 136



47, 198, 176



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.



47, 198, 176



181, 167, 246



234, 161, 110

Complementary

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



47, 198, 176



198, 47, 69

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, 149, 140



47, 198, 176



227, 153, 217

Square

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



47, 198, 176



116, 181, 255



250, 146, 179



202, 175, 97

Rectangle

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



47, 198, 176



0, 194, 237



250, 146, 179



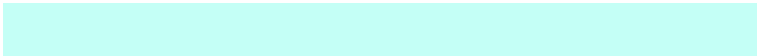
242, 157, 118

Sweetspot

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



47, 198, 176



196, 255, 246



70, 198, 47



92, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



47, 198, 176



20, 255, 221



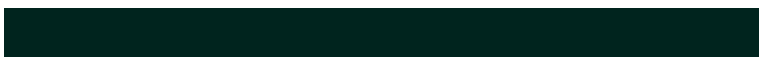
47, 145, 198



90, 99, 98



0, 163, 139



0, 36, 30

Inverse Universe

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



198, 47, 69



255, 20, 55



198, 100, 47



99, 90, 91



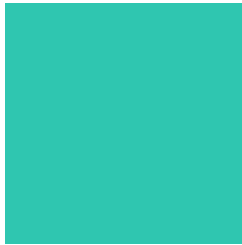
163, 0, 24



36, 0, 5

Previews

White Background



This preview shows how the RGB color 47, 198, 176 looks on a white background.

Color Contrast Check

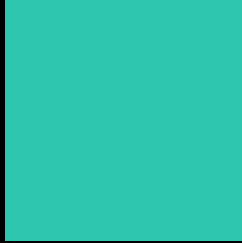
Large Text (above 18pt) WCAG AA × Fail

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 47, 198, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

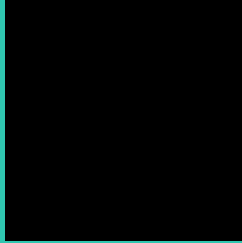
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

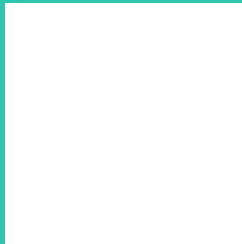
Any Text WCAG AAA ✓ Pass

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

RGB 47, 198, 176 Background



This preview shows how black text looks on a background with the RGB color 47, 198, 176.

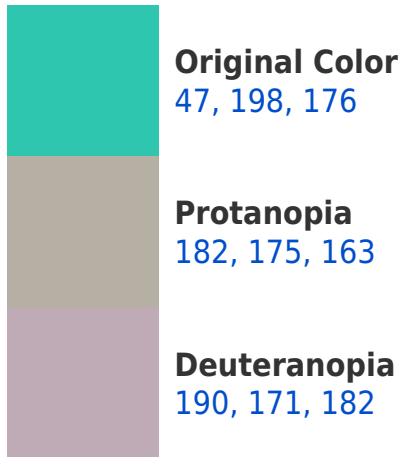


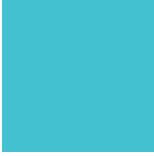
This preview shows how white text looks on a background with the RGB color 47, 198, 176.

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
68, 193, 209

Trichromacy



Original Color

47, 198, 176



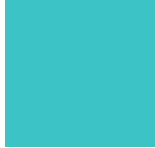
Protanomaly

133, 183, 168



Deuteranomaly

138, 181, 180



Tritanomaly

60, 195, 197

Monochromacy



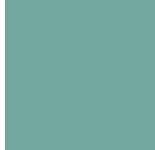
Original Color

47, 198, 176



Achromatopsia

150, 150, 150



Achromatomaly

113, 167, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 47, 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(47, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(47, 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(47, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 198, 176) }
```

Border

The CSS property to change the border of an element to RGB 47, 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(47, 198, 176) }
```

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

```
.border{ border-color:rgb(47, 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(47, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(47, 198,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 47, 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(47, 198, 176) }
```

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

```
.background{ background-color: rgb(47, 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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