

Converting Colors

RGB(84, 212, 188)

Have a look what the booklet for
RGB(84, 212, 188) contains.

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Color

RGB(84, 212, 188)

Conversions

Conversions Part 1

Format	Color
Hex	54D4BC
RGB	84, 212, 188
RGB Percent	33%, 83%, 74%
CMY	0.6706, 0.1686, 0.2627
CMYK	0.60, 0.00, 0.11, 0.17
HSL	169°, 60%, 58%
HSV	169°, 60%, 83%
XYZ	36.2767, 52.6026, 55.8183
YIQ	170.9920, -68.5840, -34.6000

Conversions

Conversions Part 2

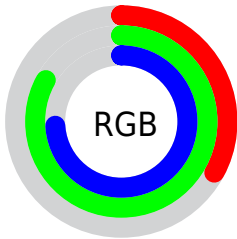
Format	Color
RYB	84, 155, 212
Decimal	5559484
CIELab	77.64, -40.93, 1.38
CIELCh	78, 40.955, 178.068
Yxy	52.6026, 0.2507, 0.3635
Android (android.graphics.Color)	4283749564 (0xFF54D4BC)
YUV	170.9920, 8.3849, -76.2920
Hunter-Lab	72.5277, -37.6417, 5.1390




Details

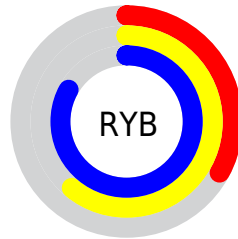
The RGB color **84, 212, 188** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **212, 84, 108**, and the grayscale version is **171, 171, 171**.




A 20% lighter version of the original color is **145, 255, 244**, and **0, 157, 135** is the 20% darker color. If you saturate the color by 10%, you get **63, 212, 184**, and if you desaturate by 10%, it is **105, 212, 192**.

Distribution







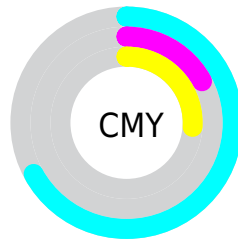
-  Red (33%)
-  Green (83%)
-  Blue (74%)






-  Red (33%)
-  Yellow (61%)
-  Blue (83%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (17%)



-  Cyan (67%)
-  Magenta (17%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 212, 188 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 84, 212, 188 by changing the saturation by 10% instead.



84, 212, 188



84, 212, 188

255, 255, 255



49, 184, 161



145, 255, 244



0, 157, 135



175, 255, 255



0, 130, 110



205, 255, 255



0, 104, 85



235, 255, 255



0, 79, 62



0, 55, 40



0, 34, 20



0, 0, 0



84, 212, 188



84, 212, 188

■ 63, 212, 184

■ 105, 212, 192

■ 42, 212, 180

■ 126, 212, 196

■ 20, 212, 176

■ 148, 212, 200

■ 0, 212, 172

■ 169, 212, 204

■ 190, 212, 208

■ 211, 212, 212

■ 232, 212, 216

■ 254, 212, 220

■ 255, 212, 224

Harmonies

Analogous

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



135, 208, 150



84, 212, 188



31, 211, 226

Triad

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



84, 212, 188



193, 183, 255



249, 176, 129

Complementary

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



84, 212, 188



212, 84, 108

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.



255, 165, 158



84, 212, 188



237, 170, 233

Square

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



84, 212, 188



132, 196, 255



255, 163, 196



219, 189, 115

Rectangle

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



84, 212, 188



43, 209, 247



255, 163, 196



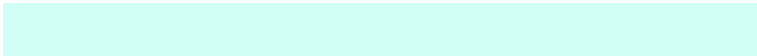
255, 171, 137

Sweetspot

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



84, 212, 188



209, 255, 246



110, 212, 84



99, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



84, 212, 188



71, 255, 221



84, 174, 212



96, 107, 105



0, 171, 139



0, 43, 35

Inverse Universe

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



212, 84, 108



255, 71, 106



212, 122, 84



107, 96, 98



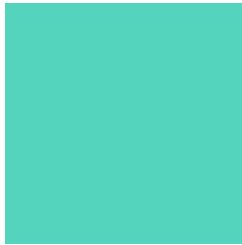
171, 0, 32



43, 0, 8

Previews

White Background



This preview shows how the RGB color 84, 212, 188 looks on a white background.

Color Contrast Check

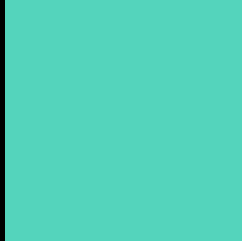
Large Text (above 18pt) WCAG AA × Fail

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 84, 212, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

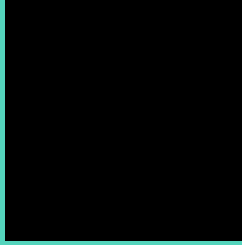
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

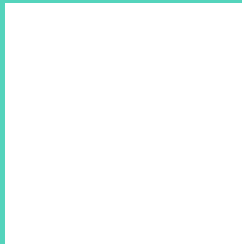
Any Text WCAG AAA ✓ Pass

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

RGB 84, 212, 188 Background



This preview shows how black text looks on a background with the RGB color 84, 212, 188.

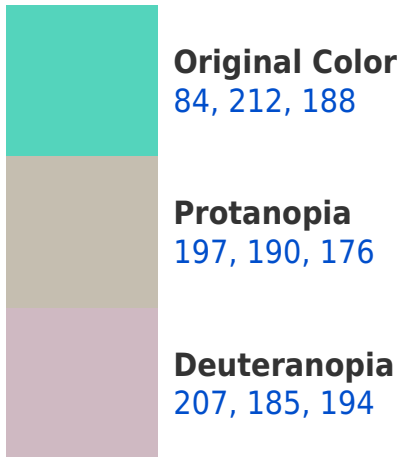


This preview shows how white text looks on a background with the RGB color 84, 212, 188.

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





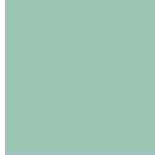
Tritanopia
98, 207, 224

Trichromacy



Original Color

84, 212, 188



Protanomaly

156, 198, 180



Deuteranomaly

162, 195, 192



Tritanomaly

93, 209, 211

Monochromacy



Original Color

84, 212, 188



Achromatopsia

171, 171, 171



Achromatomaly

139, 186, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 212, 188 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(84, 212, 188)` looks like.

```
.text, #text, p{  
    color:rgb(84, 212, 188)  
}
```

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(84, 212, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 212, 188) }
```

Border

The CSS property to change the border of an element to RGB 84, 212, 188 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(84, 212, 188) }
```

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

```
.border{ border-color:rgb(84, 212, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 212, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 212, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 212, 188);  
box-shadow:4px 4px 4px 4px rgb(84, 212,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 84, 212, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 212, 188) }
```

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

```
.background{ background-color: rgb(84, 212,  
188) }
```

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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