

Converting Colors

RGB(83, 208, 183)

Have a look what the booklet for
RGB(83, 208, 183) contains.

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Color

RGB(83, 208, 183)

Conversions

Conversions Part 1

Format	Color
Hex	53D0B7
RGB	83, 208, 183
RGB Percent	33%, 82%, 72%
CMY	0.6745, 0.1843, 0.2824
CMYK	0.60, 0.00, 0.12, 0.18
HSL	168°, 57%, 57%
HSV	168°, 60%, 82%
XYZ	34.6704, 50.3696, 52.6947
YIQ	167.7750, -66.4750, -34.2750

Conversions

Conversions Part 2

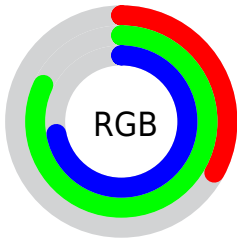
Format	Color
RYB	83, 152, 208
Decimal	5492919
CIELab	76.30, -40.57, 2.11
CIELCh	76, 40.627, 177.028
Yxy	50.3696, 0.2517, 0.3657
Android (android.graphics.Color)	4283682999 (0xFF53D0B7)
YUV	167.7750, 7.5059, -74.3477
Hunter-Lab	70.9716, -37.0010, 5.6587

Details

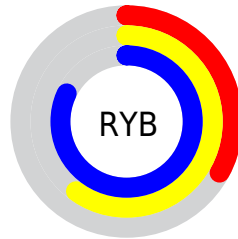
The RGB color **83, 208, 183** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **208, 83, 108**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **144, 255, 239**, and **0, 153, 130** is the 20% darker color. If you saturate the color by 10%, you get **62, 208, 179**, and if you desaturate by 10%, it is **104, 208, 187**.

Distribution



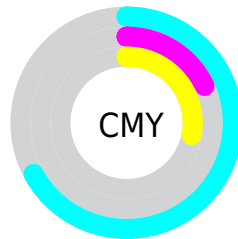
- Red (33%)
- Green (82%)
- Blue (72%)



- Red (33%)
- Yellow (60%)
- Blue (82%)



- Cyan (60%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (67%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RGB color 83, 208, 183 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 83, 208, 183 by changing the saturation by 10% instead.

 83, 208, 183

 83, 208, 183

255, 255, 255

 48, 180, 156


 144, 255, 239

 0, 153, 130

 173, 255, 255

 0, 126, 105

 203, 255, 255

 0, 101, 81

 233, 255, 255

 0, 76, 58

 0, 52, 37

 0, 30, 16

 0, 0, 0

 83, 208, 183

 83, 208, 183

■ 62, 208, 179

■ 104, 208, 187

■ 41, 208, 175

■ 125, 208, 191

■ 21, 208, 171

■ 145, 208, 195

■ 0, 208, 166

■ 166, 208, 200

■ 187, 208, 204

■ 208, 208, 208

■ 229, 208, 212

■ 249, 208, 216

■ 255, 208, 220

Harmonies

Analogous

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



134, 204, 146



83, 208, 183



27, 208, 221

Triad

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



83, 208, 183



187, 180, 255



246, 172, 126

Complementary

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



83, 208, 183



208, 83, 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, 161, 156



83, 208, 183



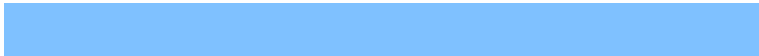
232, 167, 230

Square

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



83, 208, 183



127, 193, 255



255, 159, 193



216, 185, 113

Rectangle

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



83, 208, 183



37, 205, 242



255, 159, 193



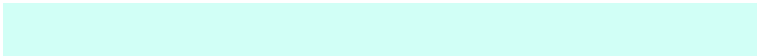
252, 168, 135

Sweetspot

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



83, 208, 183



209, 255, 246



108, 208, 83



99, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



83, 208, 183



71, 255, 218



83, 170, 208



94, 105, 102



0, 168, 135



0, 41, 33

Inverse Universe

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



208, 83, 108



255, 71, 108



208, 121, 83



105, 94, 96



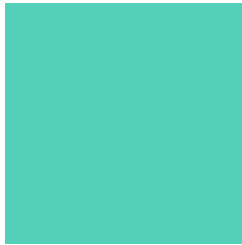
168, 0, 34



41, 0, 8

Previews

White Background



This preview shows how the RGB color 83, 208, 183 looks on a white background.

Color Contrast Check

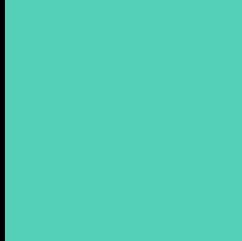
Large Text (above 18pt) WCAG AA × Fail

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 83, 208, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

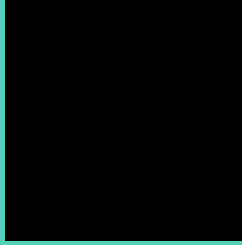
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

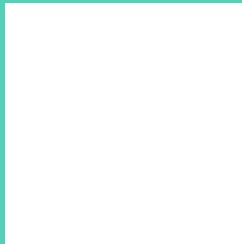
Any Text WCAG AAA ✓ Pass

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

RGB 83, 208, 183 Background



This preview shows how black text looks on a background with the RGB color 83, 208, 183.

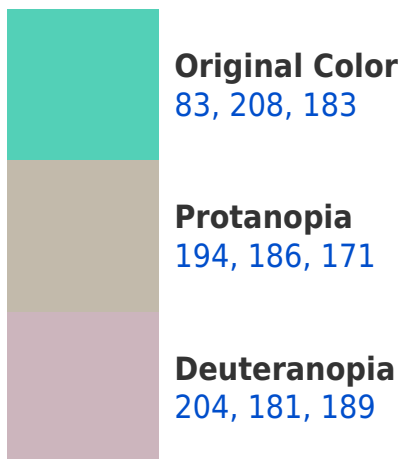


This preview shows how white text looks on a background with the RGB color 83, 208, 183.

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](#).

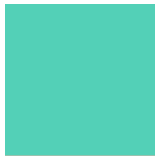
Dichromacy



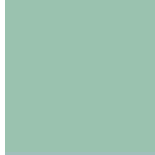


Tritanopia
97, 203, 219

Trichromacy



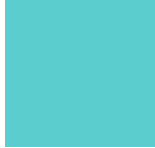
Original Color
83, 208, 183



Protanomaly
154, 194, 175



Deuteranomaly
160, 191, 187

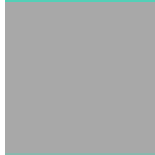


Tritanomaly
92, 205, 206

Monochromacy



Original Color
83, 208, 183



Achromatopsia
168, 168, 168



Achromatomaly
137, 183, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 83, 208, 183 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(83, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(83, 208, 183)  
}
```

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(83, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 208, 183) }
```

Border

The CSS property to change the border of an element to RGB 83, 208, 183 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(83, 208, 183) }
```

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

```
.border{ border-color:rgb(83, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(83, 208, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(83, 208, 183); box-shadow:4px 4px 4px 4px rgb(83, 208, 183) }
```

Background

The CSS property to change the background color of an element to RGB 83, 208, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 208, 183) }
```

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

```
.background{ background-color: rgb(83, 208,  
183) }
```

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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