

Converting Colors

RGB(53, 192, 177)

Have a look what the booklet for
RGB(53, 192, 177) contains.

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Color

RGB(53, 192, 177)

Conversions

Conversions Part 1

Format	Color
Hex	35C0B1
RGB	53, 192, 177
RGB Percent	21%, 75%, 69%
CMY	0.7922, 0.2471, 0.3059
CMYK	0.72, 0.00, 0.08, 0.25
HSL	174°, 57%, 48%
HSV	174°, 72%, 75%
XYZ	28.2536, 41.6305, 48.1413
YIQ	148.7290, -78.0290, -34.1330

Conversions

Conversions Part 2

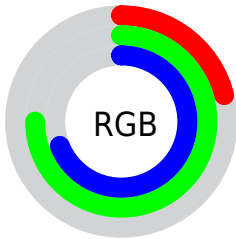
Format	Color
RYB	53, 126, 192
Decimal	3522737
CIELab	70.62, -39.65, -3.03
CIELCh	71, 39.763, 184.366
Yxy	41.6305, 0.2394, 0.3527
Android (android.graphics.Color)	4281712817 (0xFF35C0B1)
YUV	148.7290, 13.9376, -83.9543
Hunter-Lab	64.5217, -34.7489, 0.9273

Details

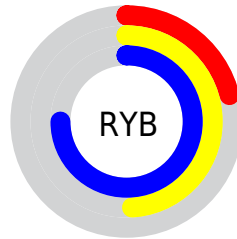
The RGB color **53, 192, 177** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **192, 53, 68**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **120, 249, 233**, and **0, 138, 125** is the 20% darker color. If you saturate the color by 10%, you get **34, 192, 175**, and if you desaturate by 10%, it is **72, 192, 179**.

Distribution



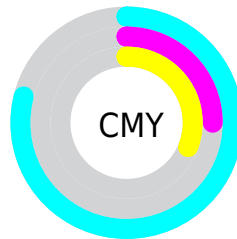
- Red (21%)
- Green (75%)
- Blue (69%)



- Red (21%)
- Yellow (49%)
- Blue (75%)



- Cyan (72%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



















- Cyan (79%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 53, 192, 177 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 53, 192, 177 by changing the saturation by 10% instead.

 53, 192, 177	 53, 192, 177
 255, 255, 255	 0, 164, 150
 120, 249, 233	 0, 138, 125
 150, 255, 255	 0, 112, 100
 181, 255, 255	 0, 86, 76
 211, 255, 255	 0, 62, 53
 241, 255, 255	 0, 41, 32
	 0, 5, 9
	 0, 0, 0

 53, 192, 177	 53, 192, 177
--	--

■ 34, 192, 175

■ 72, 192, 179

■ 15, 192, 173

■ 91, 192, 181

■ 0, 192, 171

■ 111, 192, 183

■ 130, 192, 185

■ 149, 192, 187

■ 168, 192, 189

■ 187, 192, 192

■ 207, 192, 194

■ 226, 192, 196

Harmonies

Analogous

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



108, 189, 140



53, 192, 177



0, 191, 212

Triad

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



53, 192, 177



184, 161, 233



222, 160, 108

Complementary

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



53, 192, 177



192, 53, 68

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.



240, 149, 134



53, 192, 177



223, 149, 205

Square

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



53, 192, 177



128, 175, 244



241, 144, 169



191, 172, 100

Rectangle

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



53, 192, 177



28, 187, 231



241, 144, 169



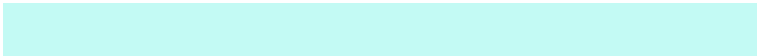
229, 156, 115

Sweetspot

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



53, 192, 177



195, 250, 244



69, 192, 53



92, 125, 121



252, 252, 252



125, 125, 125

Same Dimension

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



53, 192, 177



32, 250, 226



53, 139, 192



87, 97, 96



0, 161, 143



0, 33, 30

Inverse Universe

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



192, 53, 68



250, 32, 56



192, 106, 53



97, 87, 88



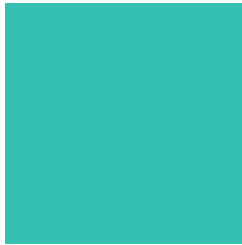
161, 0, 17



33, 0, 4

Previews

White Background



This preview shows how the RGB color 53, 192, 177 looks on a white background.

Color Contrast Check

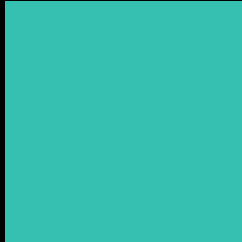
Large Text (above 18pt) WCAG AA × Fail

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 53, 192, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

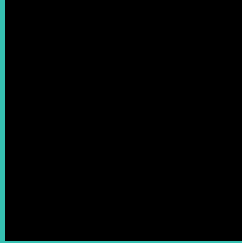
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

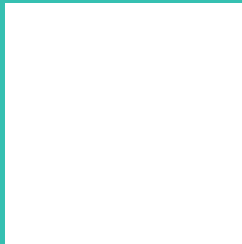
Any Text WCAG AAA ✓ Pass

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

RGB 53, 192, 177 Background



This preview shows how black text looks on a background with the RGB color 53, 192, 177.

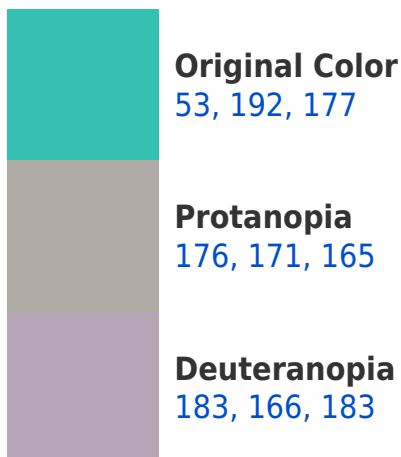


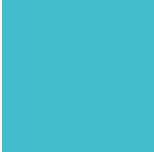
This preview shows how white text looks on a background with the RGB color 53, 192, 177.

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, 188, 203

Trichromacy



Original Color

53, 192, 177



Protanomaly

131, 179, 169



Deuteranomaly

136, 175, 181



Tritanomaly

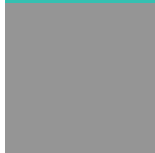
63, 189, 194

Monochromacy



Original Color

53, 192, 177



Achromatopsia

149, 149, 149



Achromatomaly

114, 165, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 53, 192, 177 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(53, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(53, 192, 177)  
}
```

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(53, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 192, 177) }
```

Border

The CSS property to change the border of an element to RGB 53, 192, 177 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(53, 192, 177) }
```

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

```
.border{ border-color:rgb(53, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(53, 192,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 53, 192, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 192, 177) }
```

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

```
.background{ background-color: rgb(53, 192,  
177) }
```

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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