

Converting Colors

RGB(39, 197, 185)

Have a look what the booklet for
RGB(39, 197, 185) contains.

RGB(39, 197, 185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(39, 197, 185)

Conversions

Conversions Part 1

Format	Color
Hex	27C5B9
RGB	39, 197, 185
RGB Percent	15%, 77%, 73%
CMY	0.8471, 0.2275, 0.2745
CMYK	0.80, 0.00, 0.06, 0.23
HSL	175°, 67%, 46%
HSV	175°, 80%, 77%
XYZ	29.5599, 43.8666, 52.8081
YIQ	148.3900, -90.3160, -37.2280

Conversions

Conversions Part 2

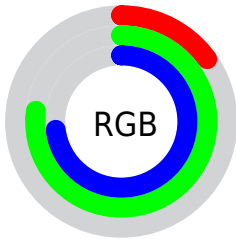
Format	Color
RYB	39, 121, 197
Decimal	2606521
CIELab	72.14, -41.15, -5.17
CIELCh	72, 41.475, 187.164
Yxy	43.8666, 0.2342, 0.3475
Android (android.graphics.Color)	4280796601 (0xFF27C5B9)
YUV	148.3900, 18.0487, -95.9350
Hunter-Lab	66.2319, -36.2396, -0.9108

Details

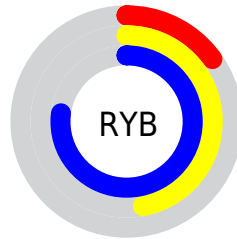
The RGB color **39, 197, 185** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **197, 39, 51**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **114, 254, 241**, and **0, 142, 132** is the 20% darker color. If you saturate the color by 10%, you get **19, 197, 184**, and if you desaturate by 10%, it is **59, 197, 186**.

Distribution



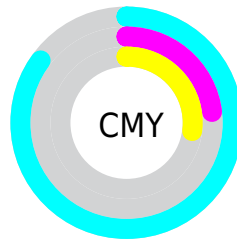
- Red (15%)
- Green (77%)
- Blue (73%)



- Red (15%)
- Yellow (47%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



















- Cyan (85%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 39, 197, 185 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 39, 197, 185 by changing the saturation by 10% instead.

 39, 197, 185	 39, 197, 185
 255, 255, 255	 0, 169, 158
 114, 254, 241	 0, 142, 132
 145, 255, 255	 0, 116, 107
 176, 255, 255	 0, 91, 83
 207, 255, 255	 0, 66, 60
 237, 255, 255	 0, 44, 38
	 0, 15, 18
	 0, 0, 0

 39, 197, 185  39, 197, 185

■ 19, 197, 184

■ 59, 197, 186

■ 0, 197, 182

■ 78, 197, 188

■ 98, 197, 189

■ 118, 197, 191

■ 138, 197, 192

■ 157, 197, 194

■ 177, 197, 195

■ 197, 197, 197

■ 216, 197, 198

Harmonies

Analogous

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



104, 195, 146



39, 197, 185



0, 195, 221

Triad

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



39, 197, 185



193, 164, 237



225, 164, 108

Complementary

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



39, 197, 185



197, 39, 51

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.



246, 152, 133



39, 197, 185



232, 151, 207

Square

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



39, 197, 185



135, 178, 252



249, 147, 169



192, 178, 100

Rectangle

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



39, 197, 185



23, 191, 240



249, 147, 169



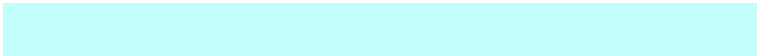
234, 160, 114

Sweetspot

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



39, 197, 185



194, 255, 250



52, 197, 39



91, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



39, 197, 185



10, 255, 236



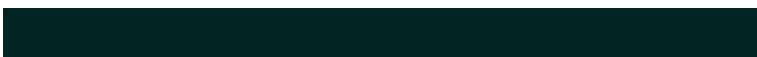
39, 131, 197



90, 99, 99



0, 163, 151



0, 36, 33

Inverse Universe

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



197, 39, 51



255, 10, 29



197, 105, 39



99, 90, 90



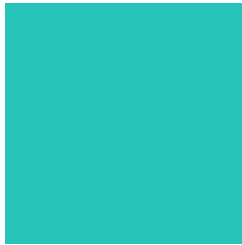
163, 0, 12



36, 0, 3

Previews

White Background



This preview shows how the RGB color 39, 197, 185 looks on a white background.

Color Contrast Check

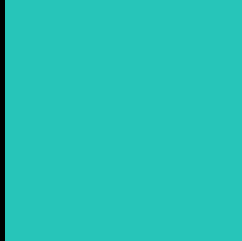
Large Text (above 18pt) WCAG AA × Fail

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 39, 197, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

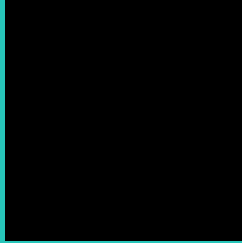
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

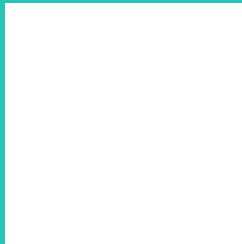
Any Text WCAG AAA ✓ Pass

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

RGB 39, 197, 185 Background



This preview shows how black text looks on a background with the RGB color 39, 197, 185.

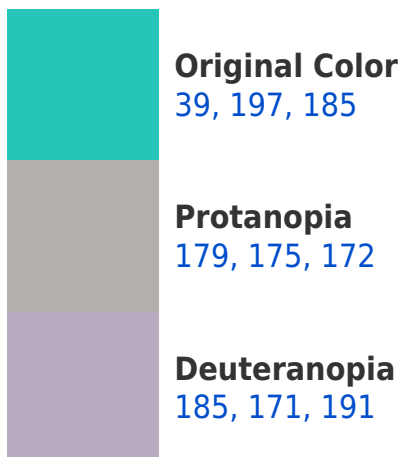


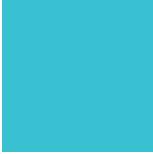
This preview shows how white text looks on a background with the RGB color 39, 197, 185.

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





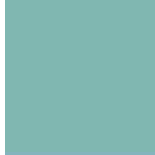
Tritanopia
58, 193, 209

Trichromacy



Original Color

39, 197, 185



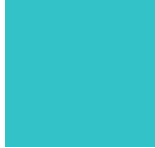
Protanomaly

128, 183, 177



Deuteranomaly

132, 180, 189



Tritanomaly

51, 194, 200

Monochromacy



Original Color

39, 197, 185



Achromatopsia

148, 148, 148



Achromatomaly

108, 166, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 39, 197, 185 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(39, 197, 185)` looks like.

```
.text, #text, p{  
    color:rgb(39, 197, 185)  
}
```

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(39, 197, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 197, 185) }
```

Border

The CSS property to change the border of an element to RGB 39, 197, 185 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(39, 197, 185) }
```

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

```
.border{ border-color:rgb(39, 197, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 197, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 197, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 197, 185);  
box-shadow:4px 4px 4px 4px rgb(39, 197,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 39, 197, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 197, 185) }
```

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

```
.background{ background-color: rgb(39, 197,  
185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor