

Converting Colors

RGB(0, 199, 190)

Have a look what the booklet for
RGB(0, 199, 190) contains.

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Color

RGB(0, 199, 190)

Conversions

Conversions Part 1

Format	Color
Hex	00C7BE
RGB	0, 199, 190
RGB Percent	0%, 78%, 75%
CMY	1.0000, 0.2196, 0.2549
CMYK	1.00, 0.00, 0.05, 0.22
HSL	177°, 100%, 39%
HSV	177°, 100%, 78%
XYZ	29.7177, 44.5646, 55.7507
YIQ	138.4730, -115.7150, -44.9870

Conversions

Conversions Part 2

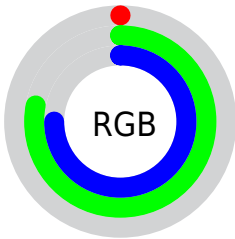
Format	Color
RYB	0, 102, 199
Decimal	51134
CIELab	72.60, -42.55, -7.24
CIELCh	73, 43.165, 189.651
Yxy	44.5646, 0.2285, 0.3427
Android (android.graphics.Color)	4278241214 (0xFF00C7BE)
YUV	138.4730, 25.4028, -121.4408
Hunter-Lab	66.7567, -37.3624, -2.7854

Details

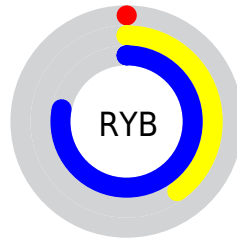
The RGB color **0, 199, 190** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **199, 0, 9**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **104, 255, 246**, and **0, 144, 137** is the 20% darker color. If you saturate the color by 10%, you get **0, 199, 190**, and if you desaturate by 10%, it is **20, 199, 191**.

Distribution



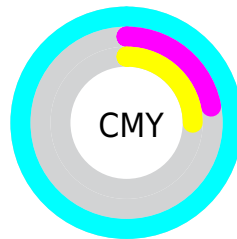
- Red (0%)
- Green (78%)
- Blue (75%)



- Red (0%)
- Yellow (40%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



















- Cyan (100%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 199, 190 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 0, 199, 190 by changing the saturation by 10% instead.

 0, 199, 190	 0, 199, 190
 255, 255, 255	 0, 171, 163
 104, 255, 246	 0, 144, 137
 137, 255, 255	 0, 118, 111
 168, 255, 255	 0, 92, 87
 200, 255, 255	 0, 68, 64
 231, 255, 255	 0, 45, 42
	 0, 17, 22
	 0, 0, 0

 0, 199, 190

■ 20, 199, 191

■ 40, 199, 192

■ 60, 199, 193

■ 80, 199, 194

■ 100, 199, 195

■ 119, 199, 195

■ 139, 199, 196

■ 159, 199, 197

■ 179, 199, 198

Harmonies

Analogous

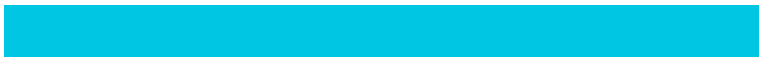
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97, 197, 149



0, 199, 190



0, 197, 227

Triad

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



0, 199, 190



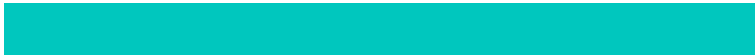
199, 163, 239



226, 166, 104

Complementary

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



0, 199, 190



199, 0, 9

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.



249, 153, 130



0, 199, 190



238, 151, 206

Square

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



0, 199, 190



140, 178, 255



254, 147, 167



191, 180, 99

Rectangle

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



0, 199, 190



0, 193, 245



254, 147, 167



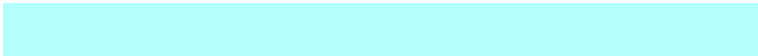
235, 162, 111

Sweetspot

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



0, 199, 190



179, 255, 252



10, 199, 0



82, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



0, 199, 190



0, 255, 243



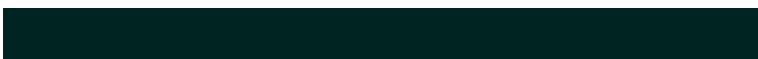
0, 109, 199



90, 99, 99



0, 163, 156



0, 36, 34

Inverse Universe

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



199, 0, 9



255, 0, 12



199, 90, 0



99, 90, 90



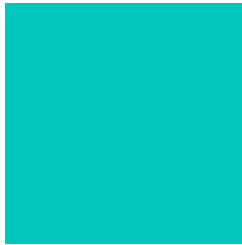
163, 0, 7



36, 0, 2

Previews

White Background



This preview shows how the RGB color 0, 199, 190 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 0, 199, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

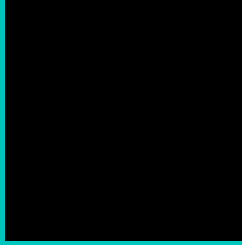
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

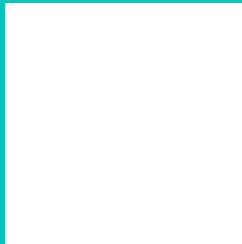
Any Text WCAG AAA ✓ Pass

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

RGB 0, 199, 190 Background



This preview shows how black text looks on a background with the RGB color 0, 199, 190.

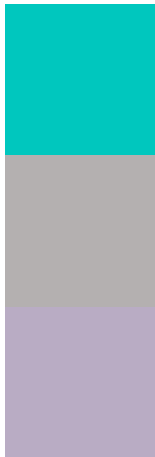


This preview shows how white text looks on a background with the RGB color 0, 199, 190.

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](#).

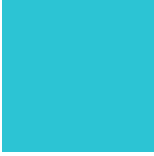
Dichromacy



Original Color
0, 199, 190

Protanopia
180, 176, 176

Deuteranopia
185, 172, 196



Tritanopia
44, 196, 212

Trichromacy



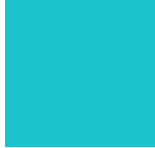
Original Color
0, 199, 190



Protanomaly
115, 184, 181



Deuteranomaly
118, 182, 194



Tritanomaly
28, 197, 204

Monochromacy



Original Color
0, 199, 190



Achromatopsia
138, 138, 138



Achromatomaly
88, 160, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 199, 190 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(0, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 190)  
}
```

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(0, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 190) }
```

Border

The CSS property to change the border of an element to RGB 0, 199, 190 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(0, 199, 190) }
```

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

```
.border{ border-color:rgb(0, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 0, 199, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 190) }
```

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

```
.background{ background-color: rgb(0, 199,  
190) }
```

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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