

Converting Colors

RGB(18, 201, 201)

Have a look what the booklet for
RGB(18, 201, 201) contains.

RGB(18, 201, 201)	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(18, 201, 201)

Conversions

Conversions Part 1

Format	Color
Hex	12C9C9
RGB	18, 201, 201
RGB Percent	7%, 79%, 79%
CMY	0.9294, 0.2118, 0.2118
CMYK	0.91, 0.00, 0.00, 0.21
HSL	180°, 84%, 43%
HSV	180°, 91%, 79%
XYZ	31.6787, 46.1189, 62.4905
YIQ	146.2830, -109.0680, -38.7960

Conversions

Conversions Part 2

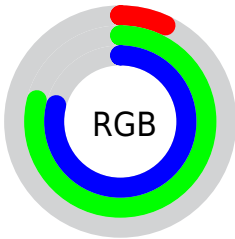
Format	Color
RYB	18, 110, 201
Decimal	1231305
CIELab	73.62, -39.64, -11.68
CIELCh	74, 41.323, 196.425
Yxy	46.1189, 0.2258, 0.3287
Android (android.graphics.Color)	4279421385 (0xFF12C9C9)
YUV	146.2830, 26.9755, -112.5042
Hunter-Lab	67.9109, -35.5784, -7.0201

Details

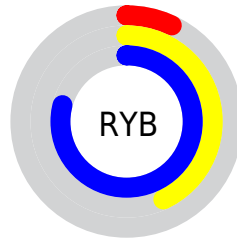
The RGB color **18, 201, 201** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **201, 18, 18**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **109, 255, 255**, and **0, 146, 147** is the 20% darker color. If you saturate the color by 10%, you get **0, 201, 201**, and if you desaturate by 10%, it is **38, 201, 201**.

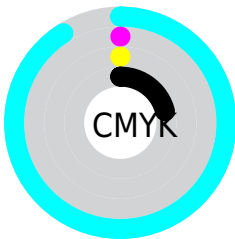
Distribution



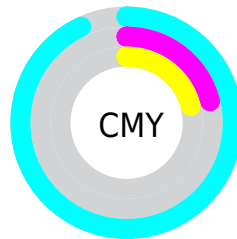
- Red (7%)
- Green (79%)
- Blue (79%)



- Red (7%)
- Yellow (43%)
- Blue (79%)



- Cyan (91%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)




















- Cyan (93%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 18, 201, 201 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 18, 201, 201 by changing the saturation by 10% instead.

 18, 201, 201	 18, 201, 201
 255, 255, 255	 0, 173, 174
 109, 255, 255	 0, 146, 147
 142, 255, 255	 0, 120, 121
 173, 255, 255	 0, 94, 97
 204, 255, 255	 0, 70, 73
 236, 255, 255	 0, 47, 50
	 0, 22, 30
	 0, 0, 2
	 0, 0, 0

■ 18, 201, 201

■ 18, 201, 201

■ 0, 201, 201

■ 38, 201, 201

■ 58, 201, 201

■ 78, 201, 201

■ 98, 201, 201

■ 118, 201, 201

■ 139, 201, 201

■ 159, 201, 201

■ 179, 201, 201

■ 199, 201, 201

Harmonies

Analogous

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



92, 200, 162



18, 201, 201



0, 198, 235

Triad

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



18, 201, 201



211, 163, 233



221, 173, 107

Complementary

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



18, 201, 201



201, 18, 18

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, 160, 128



18, 201, 201



244, 153, 200

Square

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



18, 201, 201



159, 177, 253



255, 152, 161



185, 185, 107

Rectangle

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



18, 201, 201



65, 193, 250



255, 152, 161



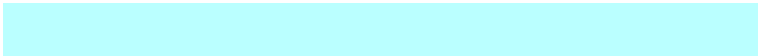
230, 168, 112

Sweetspot

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



18, 201, 201



186, 255, 255



18, 201, 18



87, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



18, 201, 201



0, 255, 255



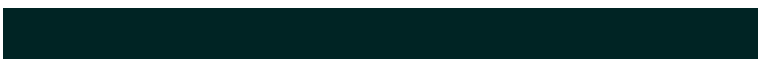
18, 110, 201



90, 99, 99



0, 163, 163



0, 36, 36

Inverse Universe

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



201, 18, 201



255, 0, 255



201, 110, 18



99, 90, 99



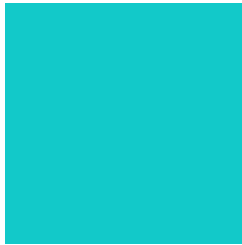
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RGB color 18, 201, 201 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 18, 201, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

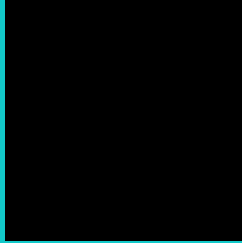
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

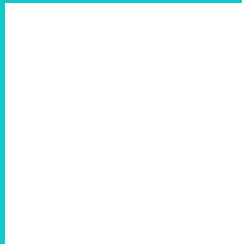
Any Text WCAG AAA ✓ Pass

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

RGB 18, 201, 201 Background



This preview shows how black text looks on a background with the RGB color 18, 201, 201.

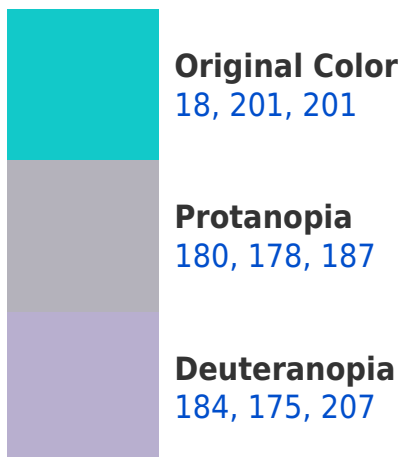


This preview shows how white text looks on a background with the RGB color 18, 201, 201.

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
40, 199, 215

Trichromacy



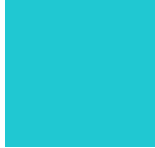
Original Color
18, 201, 201



Protanomaly
121, 186, 192



Deuteranomaly
124, 184, 205



Tritanomaly
32, 200, 210

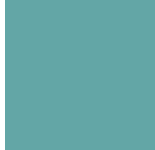
Monochromacy



Original Color
18, 201, 201



Achromatopsia
146, 146, 146



Achromatomaly
99, 166, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 18, 201, 201 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(18, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(18, 201, 201)  
}
```

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(18, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 201, 201) }
```

Border

The CSS property to change the border of an element to RGB 18, 201, 201 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(18, 201, 201) }
```

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

```
.border{ border-color:rgb(18, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(18, 201,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 18, 201, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 201, 201) }
```

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

```
.background{ background-color: rgb(18, 201,  
201) }
```

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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