

Converting Colors

RGB(10, 188, 209)

Have a look what the booklet for
RGB(10, 188, 209) contains.

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Color

RGB(10, 188, 209)

Conversions

Conversions Part 1

Format	Color
Hex	0ABCD1
RGB	10, 188, 209
RGB Percent	4%, 74%, 82%
CMY	0.9608, 0.2627, 0.1804
CMYK	0.95, 0.10, 0.00, 0.18
HSL	186°, 91%, 43%
HSV	186°, 95%, 82%
XYZ	29.6170, 40.6344, 66.6038
YIQ	137.1720, -112.8290, -31.2050

Conversions

Conversions Part 2

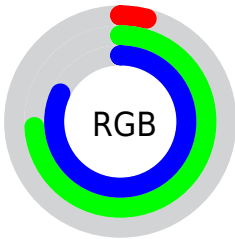
Format	Color
RYB	10, 104, 209
Decimal	703697
CIELab	69.92, -31.36, -21.64
CIElCh	70, 38.104, 214.605
Yxy	40.6344, 0.2164, 0.2969
Android (android.graphics.Color)	4278893777 (0xFF0ABCD1)
YUV	137.1720, 35.4112, -111.5298
Hunter-Lab	63.7451, -28.6200, -17.3273

Details

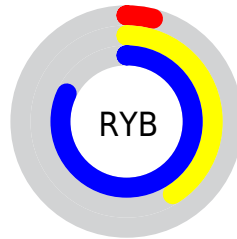
The RGB color **10, 188, 209** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **209, 31, 10**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **106, 245, 255**, and **0, 134, 155** is the 20% darker color. If you saturate the color by 10%, you get **0, 187, 209**, and if you desaturate by 10%, it is **31, 190, 209**.

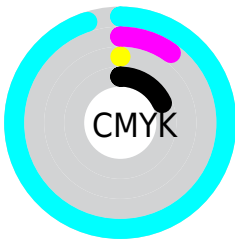
Distribution



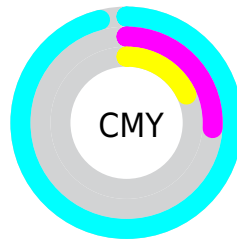
- Red (4%)
- Green (74%)
- Blue (82%)



- Red (4%)
- Yellow (41%)
- Blue (82%)



- Cyan (95%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)




















- Cyan (96%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 10, 188, 209 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 10, 188, 209 by changing the saturation by 10% instead.

 10, 188, 209	 10, 188, 209
 255, 255, 255	 0, 161, 181
 106, 245, 255	 0, 134, 155
 139, 255, 255	 0, 109, 129
 171, 255, 255	 0, 84, 103
 202, 255, 255	 0, 60, 79
 233, 255, 255	 0, 39, 56
	 0, 2, 35
	 0, 0, 10
	 0, 0, 0

■ 10, 188, 209

■ 10, 188, 209

■ 0, 187, 209

■ 31, 190, 209

■ 52, 192, 209

■ 73, 195, 209

■ 94, 197, 209

■ 114, 199, 209

■ 135, 201, 209

■ 156, 203, 209

■ 177, 206, 209

■ 198, 208, 209

Harmonies

Analogous

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



60, 189, 175



10, 188, 209



67, 182, 233

Triad

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



10, 188, 209



219, 149, 201



188, 171, 101

Complementary

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



10, 188, 209



209, 31, 10

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.



218, 159, 109



10, 188, 209



237, 144, 167

Square

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



10, 188, 209



182, 160, 228



236, 148, 133



152, 180, 113

Rectangle

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



10, 188, 209



109, 176, 239



236, 148, 133



199, 167, 102

Sweetspot

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



10, 188, 209



181, 247, 255



10, 209, 30



83, 123, 128



0, 0, 0



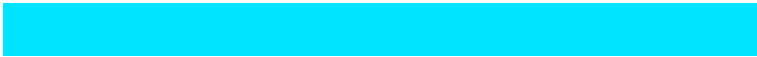
128, 128, 128

Same Dimension

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



10, 188, 209



0, 228, 255



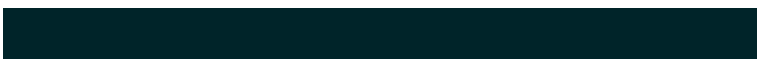
10, 90, 209



94, 103, 105



0, 151, 168



0, 36, 41

Inverse Universe

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



209, 10, 188



255, 0, 228



209, 129, 10



105, 94, 103



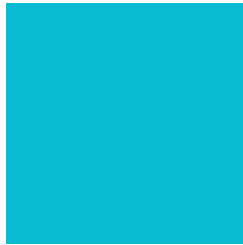
168, 0, 151



41, 0, 36

Previews

White Background



This preview shows how the RGB color 10, 188, 209 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 10, 188, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

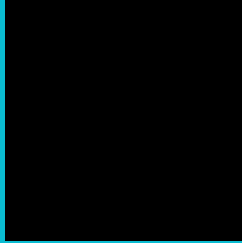
Any Text WCAG AA ✓ Pass

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 10, 188, 209 Background



This preview shows how black text looks on a background with the RGB color 10, 188, 209.

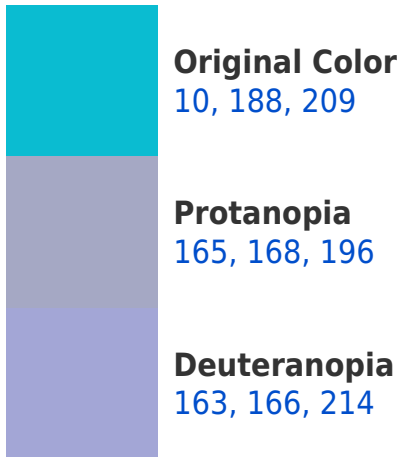


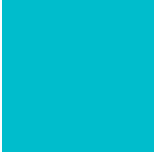
This preview shows how white text looks on a background with the RGB color 10, 188, 209.

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
0, 189, 204

Trichromacy



Original Color

10, 188, 209



Protanomaly

109, 175, 201



Deuteranomaly

107, 174, 212



Tritanomaly

4, 189, 206

Monochromacy



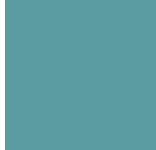
Original Color

10, 188, 209



Achromatopsia

137, 137, 137



Achromatomaly

91, 156, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 10, 188, 209 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(10, 188, 209)` looks like.

```
.text, #text, p{  
    color:rgb(10, 188, 209)  
}
```

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(10, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 188, 209) }
```

Border

The CSS property to change the border of an element to RGB 10, 188, 209 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(10, 188, 209) }
```

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

```
.border{ border-color:rgb(10, 188, 209) }
```

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

Here you see how a box with a 4 pixel rgb(10, 188, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(10, 188,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 10, 188, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 188, 209) }
```

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

```
.background{ background-color: rgb(10, 188,  
209) }
```

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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