

Converting Colors

RGB(91, 201, 180)

Have a look what the booklet for
RGB(91, 201, 180) contains.

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Color

RGB(91, 201, 180)

Conversions

Conversions Part 1

Format	Color
Hex	5BC9B4
RGB	91, 201, 180
RGB Percent	36%, 79%, 71%
CMY	0.6431, 0.2118, 0.2941
CMYK	0.55, 0.00, 0.10, 0.21
HSL	169°, 50%, 57%
HSV	169°, 55%, 79%
XYZ	33.4392, 47.2927, 50.5460
YIQ	165.7160, -58.8190, -29.8510

Conversions

Conversions Part 2

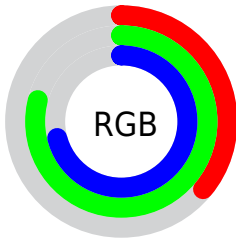
Format	Color
RYB	91, 152, 201
Decimal	6015412
CIELab	74.38, -36.58, 0.96
CIELCh	74, 36.593, 178.494
Yxy	47.2927, 0.2547, 0.3602
Android (android.graphics.Color)	4284205492 (0xFF5BC9B4)
YUV	165.7160, 7.0420, -65.5259
Hunter-Lab	68.7697, -33.5514, 4.5604

Details

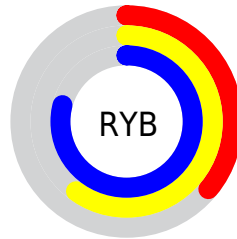
The RGB color **91, 201, 180** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **201, 91, 112**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **149, 255, 236**, and **18, 146, 127** is the 20% darker color. If you saturate the color by 10%, you get **71, 201, 176**, and if you desaturate by 10%, it is **111, 201, 184**.

Distribution



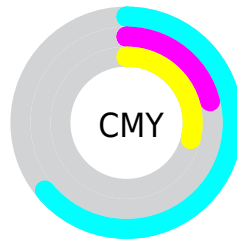
- Red (36%)
- Green (79%)
- Blue (71%)



- Red (36%)
- Yellow (60%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)


















- Cyan (64%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 201, 180 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 91, 201, 180 by changing the saturation by 10% instead.

 91, 201, 180	 91, 201, 180
 255, 255, 255	 60, 173, 153
 149, 255, 236	 18, 146, 127
 179, 255, 255	 0, 120, 102
 208, 255, 255	 0, 95, 78
 238, 255, 255	 0, 70, 56
	 0, 47, 34
	 0, 24, 13
	 0, 0, 0

 91, 201, 180  91, 201, 180

■ 71, 201, 176

■ 111, 201, 184

■ 51, 201, 172

■ 131, 201, 188

■ 31, 201, 168

■ 151, 201, 192

■ 11, 201, 165

■ 171, 201, 195

■ 0, 201, 163

■ 192, 201, 199

■ 212, 201, 203

■ 232, 201, 207

■ 252, 201, 211

■ 255, 201, 215

Harmonies

Analogous

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



133, 198, 147



91, 201, 180



60, 200, 214

Triad

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



91, 201, 180



185, 175, 242



234, 169, 127

Complementary

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



91, 201, 180



201, 91, 112

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.



248, 160, 153



91, 201, 180



224, 163, 219

Square

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



91, 201, 180



133, 187, 250



246, 157, 186



207, 180, 115

Rectangle

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



91, 201, 180



67, 198, 232



246, 157, 186



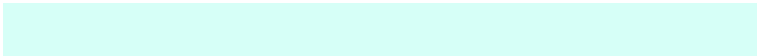
240, 165, 134

Sweetspot

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



91, 201, 180



214, 255, 247



113, 201, 91



103, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



91, 201, 180



87, 255, 223



91, 168, 201



90, 99, 98



0, 163, 132



0, 36, 29

Inverse Universe

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



201, 91, 112



255, 87, 119



201, 124, 91



99, 90, 91



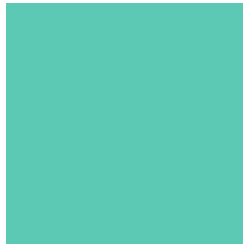
163, 0, 31



36, 0, 7

Previews

White Background



This preview shows how the RGB color 91, 201, 180 looks on a white background.

Color Contrast Check

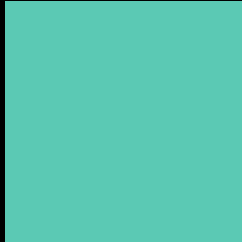
Large Text (above 18pt) WCAG AA × Fail

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 91, 201, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

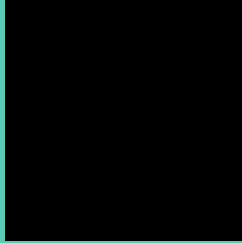
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

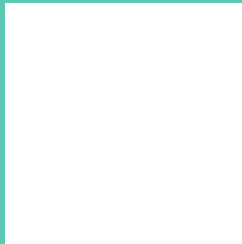
Any Text WCAG AAA ✓ Pass

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

RGB 91, 201, 180 Background



This preview shows how black text looks on a background with the RGB color 91, 201, 180.

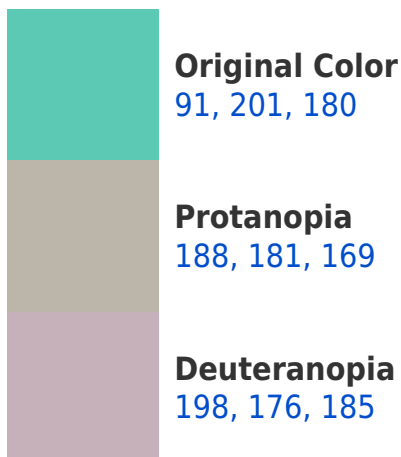


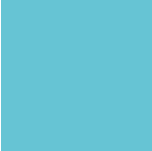
This preview shows how white text looks on a background with the RGB color 91, 201, 180.

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
102, 196, 212

Trichromacy



Original Color

91, 201, 180



Protanomaly

153, 188, 173



Deuteranomaly

159, 185, 183



Tritanomaly

98, 198, 200

Monochromacy



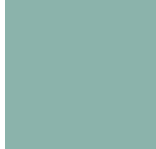
Original Color

91, 201, 180



Achromatopsia

166, 166, 166



Achromatomaly

139, 179, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 201, 180 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(91, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(91, 201, 180)  
}
```

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(91, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 201, 180) }
```

Border

The CSS property to change the border of an element to RGB 91, 201, 180 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(91, 201, 180) }
```

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

```
.border{ border-color:rgb(91, 201, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 201, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 201, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 201, 180); box-shadow:4px 4px 4px 4px rgb(91, 201, 180) }
```

Background

The CSS property to change the background color of an element to RGB 91, 201, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 201, 180) }
```

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

```
.background{ background-color: rgb(91, 201,  
180) }
```

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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