

Converting Colors

RGB(91, 203, 213)

Have a look what the booklet for
RGB(91, 203, 213) contains.

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Color

RGB(91, 203, 213)

Conversions

Conversions Part 1

Format	Color
Hex	5BCBD5
RGB	91, 203, 213
RGB Percent	36%, 80%, 84%
CMY	0.6431, 0.2039, 0.1647
CMYK	0.57, 0.05, 0.00, 0.16
HSL	185°, 59%, 60%
HSV	185°, 57%, 84%
XYZ	37.6806, 49.7401, 70.5656
YIQ	170.6520, -69.9620, -20.6340

Conversions

Conversions Part 2

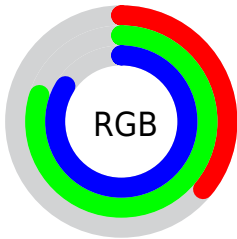
Format	Color
RYB	91, 149, 213
Decimal	6015957
CIELab	75.91, -28.85, -14.61
CIElCh	76, 32.343, 206.860
Yxy	49.7401, 0.2385, 0.3148
Android (android.graphics.Color)	4284206037 (0xFF5BCBD5)
YUV	170.6520, 20.8776, -69.8548
Hunter-Lab	70.5267, -28.0538, -9.9541

Details

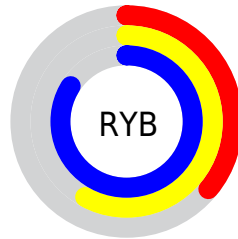
The RGB color **91, 203, 213** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **213, 101, 91**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **151, 255, 255**, and **2, 148, 158** is the 20% darker color. If you saturate the color by 10%, you get **70, 201, 213**, and if you desaturate by 10%, it is **112, 205, 213**.

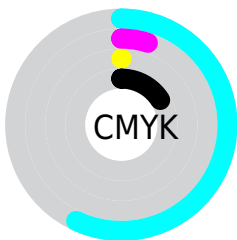
Distribution



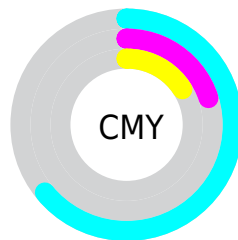
- Red (36%)
- Green (80%)
- Blue (84%)



- Red (36%)
- Yellow (58%)
- Blue (84%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



















- Cyan (64%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 203, 213 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, 203, 213 by changing the saturation by 10% instead.

 91, 203, 213	 91, 203, 213
 255, 255, 255	 58, 175, 185
 151, 255, 255	 2, 148, 158
 181, 255, 255	 0, 122, 132
 211, 255, 255	 0, 97, 107
 241, 255, 255	 0, 73, 83
	 0, 50, 60
	 0, 30, 38
	 0, 1, 17
	 0, 0, 0

■ 91, 203, 213

■ 91, 203, 213

■ 70, 201, 213

■ 112, 205, 213

■ 48, 200, 213

■ 134, 206, 213

■ 27, 198, 213

■ 155, 208, 213

■ 6, 196, 213

■ 176, 210, 213

■ 0, 196, 213

■ 198, 212, 213

■ 219, 213, 213

■ 240, 215, 213

■ 255, 217, 213

■ 255, 219, 213

Harmonies

Analogous

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



112, 203, 183



91, 203, 213



104, 199, 236

Triad

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



91, 203, 213



222, 171, 220



211, 184, 128

Complementary

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



91, 203, 213



213, 101, 91

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.



235, 174, 138



91, 203, 213



243, 165, 191

Square

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



91, 203, 213



187, 181, 240



246, 167, 162



180, 193, 133

Rectangle

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



91, 203, 213



129, 194, 245



246, 167, 162



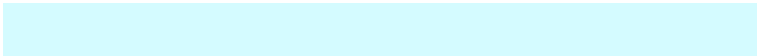
220, 181, 129

Sweetspot

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



91, 203, 213



212, 251, 255



91, 213, 99



102, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



91, 203, 213



79, 241, 255



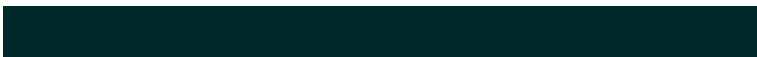
91, 144, 213



96, 106, 107



0, 157, 171



0, 40, 43

Inverse Universe

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



213, 91, 203



255, 79, 241



213, 160, 91



107, 96, 106



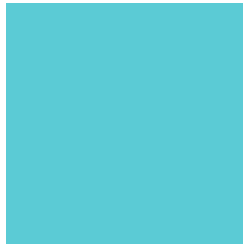
171, 0, 157



43, 0, 40

Previews

White Background



This preview shows how the RGB color 91, 203, 213 looks on a white background.

Color Contrast Check

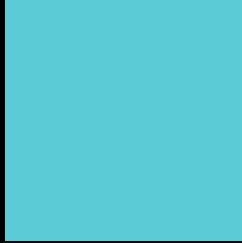
Large Text (above 18pt) WCAG AA × Fail

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, 203, 213 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, 203, 213 Background



This preview shows how black text looks on a background with the RGB color 91, 203, 213.

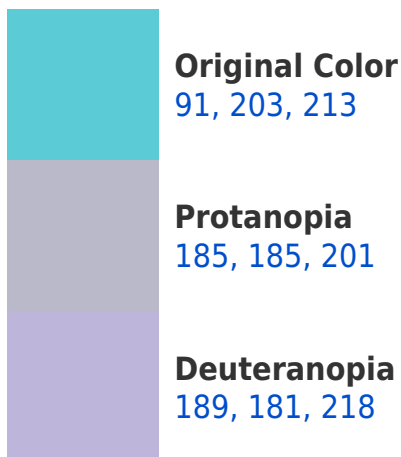


This preview shows how white text looks on a background with the RGB color 91, 203, 213.

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
93, 202, 218

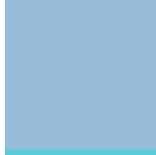
Trichromacy



Original Color
91, 203, 213



Protanomaly
151, 192, 205



Deuteranomaly
153, 189, 216

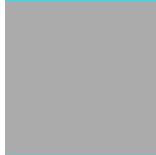


Tritanomaly
92, 202, 216

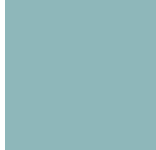
Monochromacy



Original Color
91, 203, 213



Achromatopsia
171, 171, 171



Achromatomaly
142, 183, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 203, 213 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, 203, 213)` looks like.

```
.text, #text, p{  
    color:rgb(91, 203, 213)  
}
```

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, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 203, 213) }
```

Border

The CSS property to change the border of an element to RGB 91, 203, 213 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, 203, 213) }
```

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

```
.border{ border-color:rgb(91, 203, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 203, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 203, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 203, 213);  
box-shadow:4px 4px 4px 4px rgb(91, 203,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 91, 203, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 203, 213) }
```

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

```
.background{ background-color: rgb(91, 203,  
213) }
```

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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