

Converting Colors

RGB(100, 191, 201)

Have a look what the booklet for
RGB(100, 191, 201) contains.

RGB(100, 191, 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(100, 191, 201)

Conversions

Conversions Part 1

Format	Color
Hex	64BFC9
RGB	100, 191, 201
RGB Percent	39%, 75%, 79%
CMY	0.6078, 0.2510, 0.2118
CMYK	0.50, 0.05, 0.00, 0.21
HSL	186°, 48%, 59%
HSV	186°, 50%, 79%
XYZ	34.4289, 44.1880, 61.9729
YIQ	164.9310, -57.4460, -16.1820

Conversions

Conversions Part 2

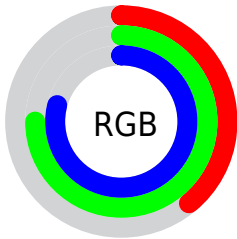
Format	Color
RYB	100, 148, 201
Decimal	6602697
CIELab	72.35, -24.41, -13.41
CIELCh	72, 27.855, 208.783
Yxy	44.1880, 0.2449, 0.3143
Android (android.graphics.Color)	4284792777 (0xFF64BFC9)
YUV	164.9310, 17.7820, -56.9445
Hunter-Lab	66.4740, -23.8789, -8.7435

Details

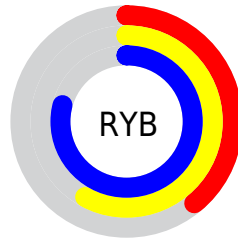
The RGB color **100, 191, 201** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **201, 110, 100**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **157, 248, 255**, and **37, 137, 147** is the 20% darker color. If you saturate the color by 10%, you get **80, 189, 201**, and if you desaturate by 10%, it is **120, 193, 201**.

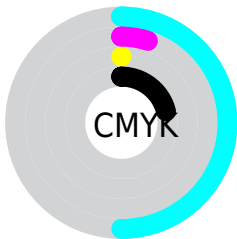
Distribution



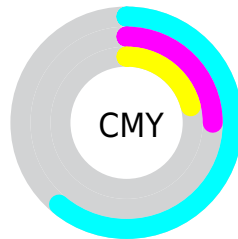
- Red (39%)
- Green (75%)
- Blue (79%)



- Red (39%)
- Yellow (58%)
- Blue (79%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



















- Cyan (61%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 191, 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 100, 191, 201 by changing the saturation by 10% instead.

 100, 191, 201	 100, 191, 201
 255, 255, 255	 70, 164, 174
 157, 248, 255	 37, 137, 147
 186, 255, 255	 0, 112, 121
 216, 255, 255	 0, 87, 97
 245, 255, 255	 0, 63, 73
	 0, 41, 50
	 0, 17, 29
	 0, 0, 1
	 0, 0, 0

■ 100, 191, 201

■ 100, 191, 201

■ 80, 189, 201

■ 120, 193, 201

■ 60, 187, 201

■ 140, 195, 201

■ 40, 185, 201

■ 160, 197, 201

■ 20, 183, 201

■ 180, 199, 201

■ 0, 181, 201

■ 201, 201, 201

■ 221, 203, 201

■ 241, 205, 201

■ 255, 207, 201

■ 255, 209, 201

Harmonies

Analogous

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



114, 192, 175



100, 191, 201



112, 187, 220

Triad

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



100, 191, 201



209, 163, 204



197, 175, 127

Complementary

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



100, 191, 201



201, 110, 100

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, 167, 135



100, 191, 201



226, 159, 179

Square

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



100, 191, 201



180, 171, 222



228, 160, 154



170, 183, 132

Rectangle

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



100, 191, 201



132, 183, 227



228, 160, 154



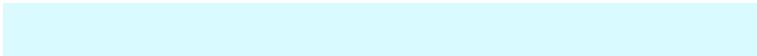
205, 173, 128

Sweetspot

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



100, 191, 201



217, 251, 255



100, 201, 108



105, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



100, 191, 201



102, 240, 255



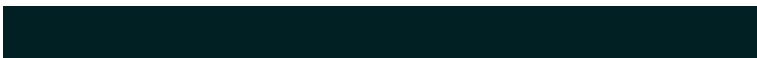
100, 142, 201



90, 98, 99



0, 147, 163



0, 32, 36

Inverse Universe

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



201, 100, 191



255, 102, 240



201, 159, 100



99, 90, 98



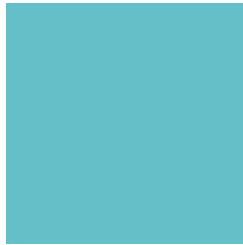
163, 0, 147



36, 0, 32

Previews

White Background



This preview shows how the RGB color 100, 191, 201 looks on a white background.

Color Contrast Check

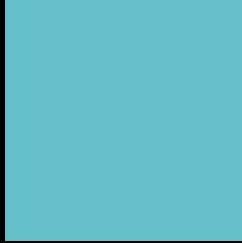
Large Text (above 18pt) WCAG AA × Fail

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 100, 191, 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 100, 191, 201 Background



This preview shows how black text looks on a background with the RGB color 100, 191, 201.

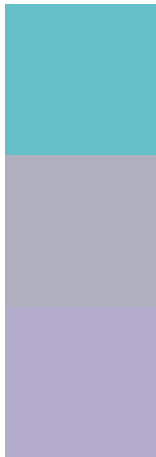


This preview shows how white text looks on a background with the RGB color 100, 191, 201.

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](#).

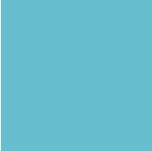
Dichromacy



Original Color
100, 191, 201

Protanopia
175, 175, 191

Deuteranopia
180, 172, 205



Tritanopia
102, 190, 206

Trichromacy



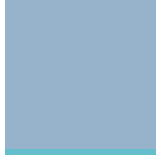
Original Color

100, 191, 201



Protanomaly

148, 181, 195



Deuteranomaly

151, 179, 204



Tritanomaly

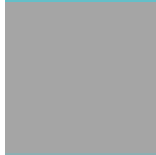
101, 190, 204

Monochromacy



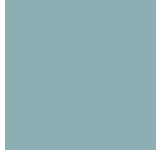
Original Color

100, 191, 201



Achromatopsia

165, 165, 165



Achromatomaly

141, 174, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 191, 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(100, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(100, 191, 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(100, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 191, 201) }
```

Border

The CSS property to change the border of an element to RGB 100, 191, 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(100, 191, 201) }
```

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

```
.border{ border-color:rgb(100, 191, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 191, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 191, 201); box-shadow:4px 4px 4px 4px rgb(100, 191, 201) }
```

Background

The CSS property to change the background color of an element to RGB 100, 191, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 191, 201) }
```

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

```
.background{ background-color: rgb(100,  
191, 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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