

Converting Colors

RGB(151, 185, 204)

Have a look what the booklet for
RGB(151, 185, 204) contains.

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Color

RGB(151, 185, 204)

Conversions

Conversions Part 1

Format	Color
Hex	97B9CC
RGB	151, 185, 204
RGB Percent	59%, 73%, 80%
CMY	0.4078, 0.2745, 0.2000
CMYK	0.26, 0.09, 0.00, 0.20
HSL	202°, 34%, 70%
HSV	202°, 26%, 80%
XYZ	41.0105, 45.6369, 63.7741
YIQ	177.0000, -26.3630, -1.2990

Conversions

Conversions Part 2

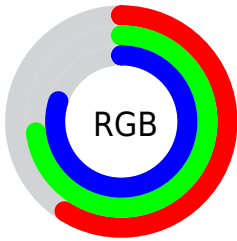
Format	Color
RYB	151, 172, 204
Decimal	9943500
CIELab	73.31, -7.13, -13.36
CIElCh	73, 15.139, 241.903
Yxy	45.6369, 0.2726, 0.3034
Android (android.graphics.Color)	4288133580 (0xFF97B9CC)
YUV	177.0000, 13.3110, -22.8020
Hunter-Lab	67.5551, -9.8597, -8.6830

Details

The RGB color **151, 185, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 170, 151**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **206, 241, 255**, and **99, 132, 150** is the 20% darker color. If you saturate the color by 10%, you get **131, 178, 204**, and if you desaturate by 10%, it is **171, 192, 204**.

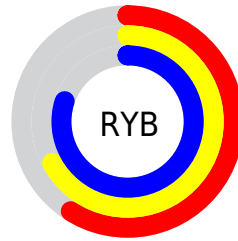
Distribution



Red (59%)

Green (73%)

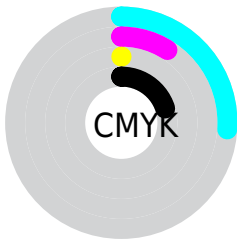
Blue (80%)



Red (59%)

Yellow (67%)

Blue (80%)

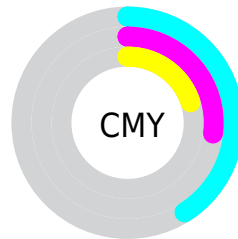


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (20%)



Cyan (41%)


Magenta (27%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 185, 204 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 151, 185, 204 by changing the saturation by 10% instead.


 151, 185, 204


255, 255, 255


 206, 241, 255

 235, 255, 255

 151, 185, 204


 124, 158, 177


 99, 132, 150

 74, 107, 124

 49, 83, 99

 24, 60, 75

 0, 38, 52

 0, 17, 31

 0, 0, 4

 0, 0, 0

■ 151, 185, 204

■ 151, 185, 204

■ 131, 178, 204

■ 171, 192, 204

■ 110, 170, 204

■ 192, 200, 204

■ 90, 163, 204

■ 212, 207, 204

■ 69, 156, 204

■ 233, 214, 204

■ 49, 148, 204

■ 253, 222, 204

■ 29, 141, 204

■ 255, 229, 204

■ 8, 134, 204

■ 255, 236, 204

■ 0, 131, 204

■ 255, 244, 204

■ 255, 251, 204

Harmonies

Analogous

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



144, 188, 194



151, 185, 204



166, 181, 207

Triad

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



151, 185, 204



208, 171, 180



175, 184, 156

Complementary

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



151, 185, 204



204, 170, 151

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.



190, 179, 152



151, 185, 204



209, 171, 166

Square

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



151, 185, 204



199, 172, 193



203, 175, 156



159, 187, 167

Rectangle

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



151, 185, 204



178, 178, 206



203, 175, 156



180, 182, 154

Sweetspot

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



151, 185, 204



235, 248, 255



151, 204, 170



115, 123, 128



0, 0, 0



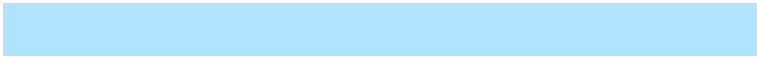
128, 128, 128

Same Dimension

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



151, 185, 204



176, 227, 255



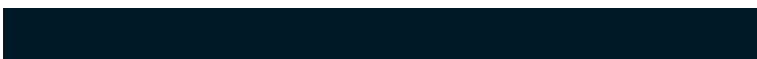
151, 159, 204



92, 98, 102



0, 106, 166



0, 25, 38

Inverse Universe

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



204, 151, 185



255, 176, 227



204, 196, 151



102, 92, 98



166, 0, 106



38, 0, 25

Previews

White Background



This preview shows how the RGB color 151, 185, 204 looks on a white background.

Color Contrast Check

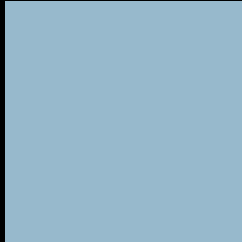
Large Text (above 18pt) WCAG AA × Fail

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 151, 185, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

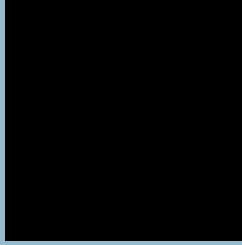
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

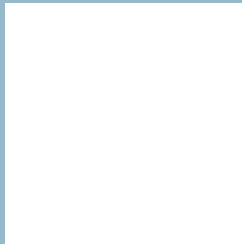
Any Text WCAG AAA ✓ Pass

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

RGB 151, 185, 204 Background



This preview shows how black text looks on a background with the RGB color 151, 185, 204.

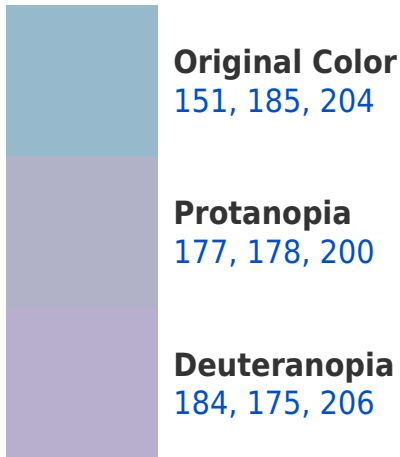


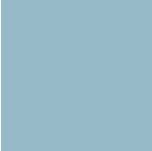
This preview shows how white text looks on a background with the RGB color 151, 185, 204.

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](#).

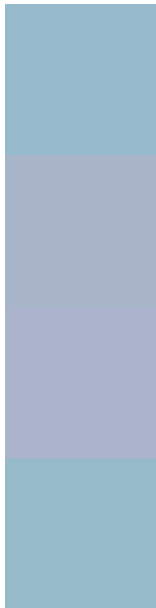
Dichromacy





Tritanopia
150, 186, 200

Trichromacy



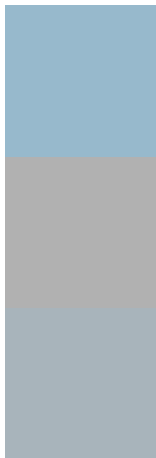
Original Color
151, 185, 204

Protanomaly
168, 181, 201

Deuteranomaly
172, 179, 205

Tritanomaly
150, 186, 201

Monochromacy



Original Color
151, 185, 204

Achromatopsia
177, 177, 177

Achromatomaly
168, 180, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 185, 204 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(151, 185, 204)` looks like.

```
.text, #text, p{  
    color:rgb(151, 185, 204)  
}
```

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(151, 185, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 185, 204) }
```

Border

The CSS property to change the border of an element to RGB 151, 185, 204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

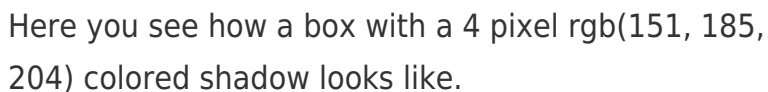
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 185, 204) }
```

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

```
.border{ border-color:rgb(151, 185, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 185, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 185, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 185, 204); box-shadow:4px 4px 4px 4px rgb(151, 185, 204) }
```

Background

The CSS property to change the background color of an element to RGB 151, 185, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 185, 204) }
```

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

```
.background{ background-color: rgb(151,  
185, 204) }
```

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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