

Converting Colors

RGB(159, 177, 204)

Have a look what the booklet for
RGB(159, 177, 204) contains.

RGB(159, 177, 204)	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(159, 177, 204)

Conversions

Conversions Part 1

Format	Color
Hex	9FB1CC
RGB	159, 177, 204
RGB Percent	62%, 69%, 80%
CMY	0.3765, 0.3059, 0.2000
CMYK	0.22, 0.13, 0.00, 0.20
HSL	216°, 31%, 71%
HSV	216°, 22%, 80%
XYZ	40.9193, 43.1748, 63.3036
YIQ	174.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

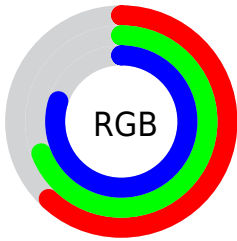
Format	Color
R_{YB}	159, 172, 204
Decimal	10465740
CIE Lab	71.67, -0.36, -15.76
CIE LCh	72, 15.767, 268.693
Yxy	43.1748, 0.2776, 0.2929
Android (android.graphics.Color)	4288655820 (0xFF9FB1CC)
YUV	174.6960, 14.4469, -13.7654
Hunter-Lab	65.7076, -3.8276, -11.1256

Details

The RGB color **159, 177, 204** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **204, 186, 159**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **214, 233, 255**, and **107, 125, 150** is the 20% darker color. If you saturate the color by 10%, you get **139, 165, 204**, and if you desaturate by 10%, it is **179, 189, 204**.

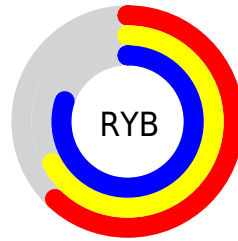
Distribution



Red (62%)

Green (69%)

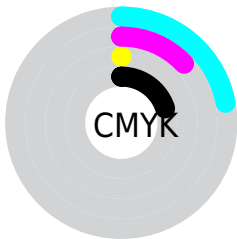
Blue (80%)



Red (62%)

Yellow (67%)

Blue (80%)

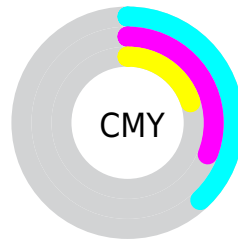


Cyan (22%)

Magenta (13%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 177, 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 159, 177, 204 by changing the saturation by 10% instead.

■ 159, 177, 204

255, 255, 255

■ 214, 233, 255

■ 243, 255, 255

■ 159, 177, 204

■ 133, 150, 177

■ 107, 125, 150

■ 82, 100, 124

■ 58, 76, 99

■ 35, 53, 75

■ 11, 32, 52


■ 0, 8, 31

■ 0, 0, 3

■ 0, 0, 0

 159, 177, 204


 159, 177, 204

 139, 165, 204


 179, 189, 204


 118, 153, 204


 200, 201, 204

 98, 140, 204


 220, 214, 204

 77, 128, 204

 241, 226, 204

 57, 116, 204

 255, 238, 204

 37, 104, 204

 255, 250, 204

 16, 91, 204

 255, 255, 204

 0, 82, 204

Harmonies

Analogous

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



144, 181, 200



159, 177, 204



178, 172, 201

Triad

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



159, 177, 204



206, 166, 162



156, 182, 160

Complementary

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



159, 177, 204



204, 186, 159

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.



172, 179, 150



159, 177, 204



200, 170, 152

Square

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



159, 177, 204



204, 166, 177



188, 174, 147



143, 184, 174

Rectangle

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



159, 177, 204



189, 169, 195



188, 174, 147



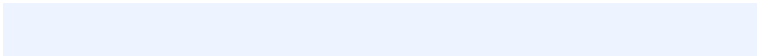
161, 181, 156

Sweetspot

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



159, 177, 204



237, 244, 255



159, 204, 186



117, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 177, 204



189, 215, 255



163, 159, 204



92, 96, 102



0, 66, 166



0, 15, 38

Inverse Universe

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



204, 159, 177



255, 189, 215



200, 204, 159



102, 92, 96



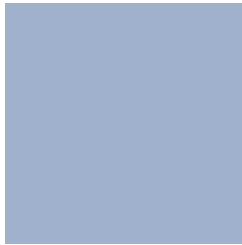
166, 0, 66



38, 0, 15

Previews

White Background



This preview shows how the RGB color 159, 177, 204 looks on a white background.

Color Contrast Check

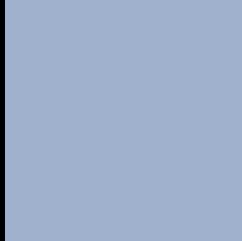
Large Text (above 18pt) WCAG AA × Fail

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 159, 177, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

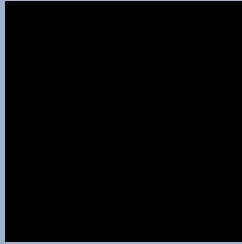
Any Text WCAG AA ✓ Pass

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 159, 177, 204 Background



This preview shows how black text looks on a background with the RGB color 159, 177, 204.



This preview shows how white text looks on a background with the RGB color 159, 177, 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



Original Color
159, 177, 204

Protanopia
170, 174, 202

Deuteranopia
178, 171, 205



Tritanopia
157, 179, 193

Trichromacy



Original Color
159, 177, 204

Protanomaly
166, 175, 203

Deuteranomaly
171, 173, 205

Tritanomaly
158, 178, 197

Monochromacy



Original Color
159, 177, 204

Achromatopsia
175, 175, 175

Achromatomaly
169, 176, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 177, 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(159, 177, 204)` looks like.

```
.text, #text, p{  
    color:rgb(159, 177, 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(159, 177, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 177, 204) }
```

Border

The CSS property to change the border of an element to RGB 159, 177, 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(159, 177, 204) }
```

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

```
.border{ border-color:rgb(159, 177, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 177, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 177, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 177, 204);  
box-shadow:4px 4px 4px 4px rgb(159, 177,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 159, 177, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 177, 204) }
```

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

```
.background{ background-color: rgb(159,  
177, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor