

Converting Colors

RGB(191, 203, 249)

Have a look what the booklet for
RGB(191, 203, 249) contains.

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Color

RGB(191, 203, 249)

Conversions

Conversions Part 1

Format	Color
Hex	BFCBF9
RGB	191, 203, 249
RGB Percent	75%, 80%, 98%
CMY	0.2510, 0.2039, 0.0235
CMYK	0.23, 0.18, 0.00, 0.02
HSL	228°, 83%, 86%
HSV	228°, 23%, 98%
XYZ	59.9407, 60.6278, 98.1657
YIQ	204.6560, -21.9180, 11.7620

Conversions

Conversions Part 2

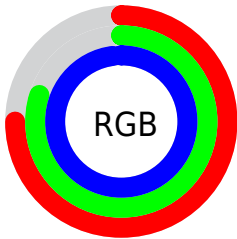
Format	Color
R_{YB}	191, 201, 249
Decimal	12569593
CIE _{Lab}	82.18, 5.59, -23.94
CIE _{LCh}	82, 24.582, 283.155
Yxy	60.6278, 0.2740, 0.2772
Android (android.graphics.Color)	4290759673 (0xFFBFCBF9)
YUV	204.6560, 21.8616, -11.9763
Hunter-Lab	77.8638, 1.1500, -20.2443

Details

The RGB color **191, 203, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **249, 237, 191**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 149, 192** is the 20% darker color. If you saturate the color by 10%, you get **166, 183, 249**, and if you desaturate by 10%, it is **216, 223, 249**.

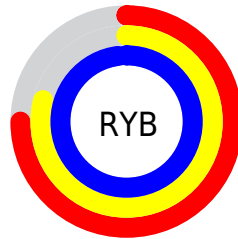
Distribution



Red (75%)

Green (80%)

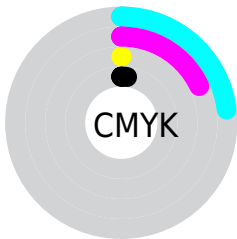
Blue (98%)



Red (75%)

Yellow (79%)

Blue (98%)

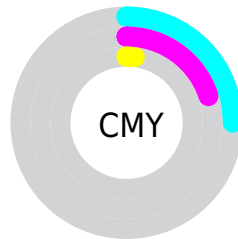


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (20%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 203, 249 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 191, 203, 249 by changing the saturation by 10% instead.

■ 191, 203, 249

255, 255, 255

■ 248, 255, 255

■ 191, 203, 249

■ 163, 176, 220

■ 137, 149, 192

■ 111, 123, 165

■ 85, 98, 139

■ 60, 75, 113

■ 36, 52, 89

■ 9, 31, 65

■ 0, 6, 43

■ 0, 1, 21

■ 191, 203, 249

■ 191, 203, 249

■ 166, 183, 249

■ 216, 223, 249

■ 141, 164, 249

■ 241, 242, 249

■ 116, 144, 249

■ 255, 255, 249

■ 91, 124, 249

■ 67, 104, 249

■ 42, 85, 249

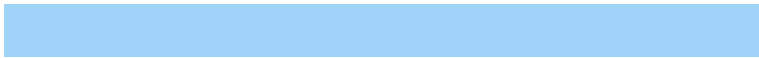
■ 17, 65, 249

■ 0, 52, 249

Harmonies

Analogous

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



161, 210, 248



191, 203, 249



221, 195, 238

Triad

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



191, 203, 249



248, 192, 174



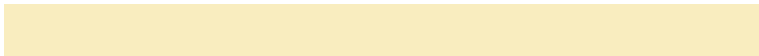
160, 217, 190

Complementary

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



191, 203, 249



249, 237, 191

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.



185, 213, 170



191, 203, 249



234, 198, 161

Square

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



191, 203, 249



252, 188, 195



211, 206, 159



143, 218, 214

Rectangle

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



191, 203, 249



237, 191, 226



211, 206, 159



168, 216, 183

Sweetspot

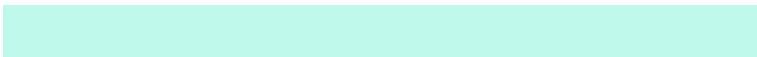
The Sweet Spot groups the original color and five complimentary colors.



191, 203, 249



237, 241, 255



191, 249, 236



117, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 203, 249



184, 198, 255



207, 191, 249



112, 115, 125



0, 39, 189



0, 13, 61

Inverse Universe

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



249, 191, 203



255, 184, 198



233, 249, 191



125, 112, 115



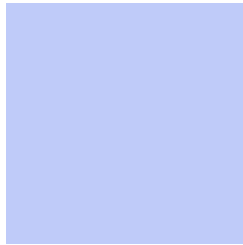
189, 0, 39



61, 0, 13

Previews

White Background



This preview shows how the RGB color 191, 203, 249 looks on a white background.

Color Contrast Check

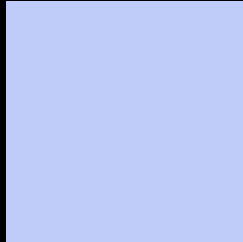
Large Text (above 18pt) WCAG AA × Fail

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 191, 203, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

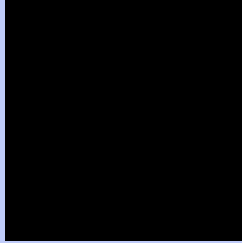
Any Text WCAG AA ✓ Pass

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 191, 203, 249 Background



This preview shows how black text looks on a background with the RGB color 191, 203, 249.



This preview shows how white text looks on a background with the RGB color 191, 203, 249.

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
191, 203, 249

Protanopia
194, 202, 248

Deuteranopia
201, 200, 250



Tritanopia
186, 207, 224

Trichromacy



Original Color
191, 203, 249

Protanomaly
193, 202, 248

Deuteranomaly
197, 201, 250

Tritanomaly
188, 206, 233

Monochromacy



Original Color
191, 203, 249

Achromatopsia
205, 205, 205

Achromatomaly
200, 204, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 203, 249 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(191, 203, 249)` looks like.

```
.text, #text, p{  
    color:rgb(191, 203, 249)  
}
```

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(191, 203, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 203, 249) }
```

Border

The CSS property to change the border of an element to RGB 191, 203, 249 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(191, 203, 249) }
```

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

```
.border{ border-color:rgb(191, 203, 249) }
```

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

Here you see how a box with a 4 pixel rgb(191, 203, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 203, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 203, 249);  
box-shadow:4px 4px 4px 4px rgb(191, 203,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 191, 203, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 203, 249) }
```

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

```
.background{ background-color: rgb(191,  
203, 249) }
```

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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