

Converting Colors

RGB(181, 199, 238)

Have a look what the booklet for
RGB(181, 199, 238) contains.

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Color

RGB(181, 199, 238)

Conversions

Conversions Part 1

Format	Color
Hex	B5C7EE
RGB	181, 199, 238
RGB Percent	71%, 78%, 93%
CMY	0.2902, 0.2196, 0.0667
CMYK	0.24, 0.16, 0.00, 0.07
HSL	221°, 63%, 82%
HSV	221°, 24%, 93%
XYZ	54.9121, 56.8437, 88.9667
YIQ	198.0640, -23.2470, 8.3130

Conversions

Conversions Part 2

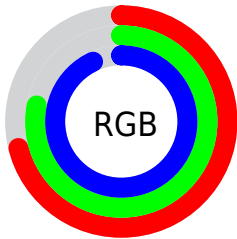
Format	Color
R_{YB}	181, 195, 238
Decimal	11913198
CIE _{Lab}	80.09, 2.25, -21.30
CIE _{LCh}	80, 21.419, 276.021
Yxy	56.8437, 0.2736, 0.2832
Android (android.graphics.Color)	4290103278 (0xFFB5C7EE)
YUV	198.0640, 19.6884, -14.9651
Hunter-Lab	75.3947, -1.9342, -17.1866

Details

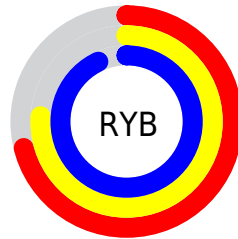
The RGB color **181, 199, 238** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238, 220, 181**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **238, 255, 255**, and **127, 145, 182** is the 20% darker color. If you saturate the color by 10%, you get **157, 183, 238**, and if you desaturate by 10%, it is **205, 215, 238**.

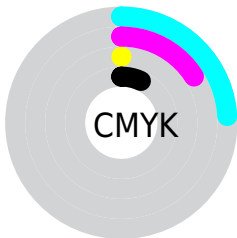
Distribution



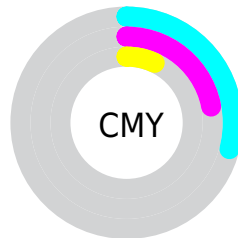
- Red (71%)
- Green (78%)
- Blue (93%)



- Red (71%)
- Yellow (76%)
- Blue (93%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 199, 238 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 181, 199, 238 by changing the saturation by 10% instead.

■ 181, 199, 238

255, 255, 255

■ 238, 255, 255

■ 181, 199, 238

■ 154, 172, 210

■ 127, 145, 182

■ 101, 120, 155

■ 76, 95, 129

■ 52, 71, 104

■ 27, 49, 80

■ 0, 28, 56

■ 0, 1, 35

■ 0, 0, 10

■ 181, 199, 238

■ 181, 199, 238

■ 157, 183, 238

■ 205, 215, 238

■ 133, 166, 238

■ 229, 232, 238

■ 110, 150, 238

■ 252, 248, 238

■ 86, 134, 238

■ 255, 255, 238

■ 62, 118, 238

■ 38, 101, 238

■ 14, 85, 238

■ 0, 75, 238

Harmonies

Analogous

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



157, 205, 235



181, 199, 238



207, 192, 231

Triad

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



181, 199, 238



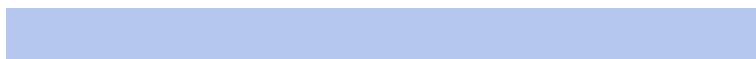
239, 187, 176



165, 209, 182

Complementary

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



181, 199, 238



238, 220, 181

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.



188, 205, 166



181, 199, 238



228, 192, 163

Square

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



181, 199, 238



239, 185, 195



210, 199, 159



149, 210, 202

Rectangle

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



181, 199, 238



222, 188, 221



210, 199, 159



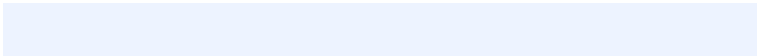
172, 208, 176

Sweetspot

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



181, 199, 238



237, 243, 255



181, 238, 220



117, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 199, 238



181, 204, 255



191, 181, 238



108, 112, 120



0, 58, 184



0, 18, 56

Inverse Universe

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



238, 181, 199



255, 181, 204



228, 238, 181



120, 108, 112



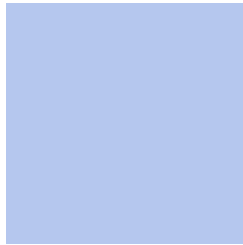
184, 0, 58



56, 0, 18

Previews

White Background



This preview shows how the RGB color 181, 199, 238 looks on a white background.

Color Contrast Check

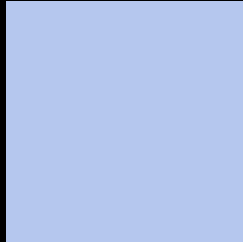
Large Text (above 18pt) WCAG AA × Fail

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 181, 199, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

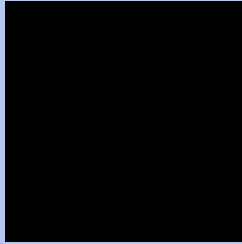
Any Text WCAG AA ✓ Pass

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 181, 199, 238 Background



This preview shows how black text looks on a background with the RGB color 181, 199, 238.



This preview shows how white text looks on a background with the RGB color 181, 199, 238.

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
181, 199, 238

Protanopia
190, 197, 236

Deuteranopia
197, 194, 239



Tritanopia
177, 202, 218

Trichromacy



Original Color

181, 199, 238

Protanomaly

187, 198, 237

Deuteranomaly

191, 196, 239

Tritanomaly

178, 201, 225

Monochromacy



Original Color

181, 199, 238

Achromatopsia

198, 198, 198

Achromatomaly

192, 198, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 199, 238 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(181, 199, 238)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 238)  
}
```

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(181, 199, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 238) }
```

Border

The CSS property to change the border of an element to RGB 181, 199, 238 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(181, 199, 238) }
```

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

```
.border{ border-color:rgb(181, 199, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 199, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 238);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 181, 199, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 238) }
```

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

```
.background{ background-color: rgb(181,  
199, 238) }
```

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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