

Converting Colors

RGB(193, 213, 251)

Have a look what the booklet for
RGB(193, 213, 251) contains.

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Color

RGB(193, 213, 251)

Conversions

Conversions Part 1

Format	Color
Hex	C1D5FB
RGB	193, 213, 251
RGB Percent	76%, 84%, 98%
CMY	0.2431, 0.1647, 0.0157
CMYK	0.23, 0.15, 0.00, 0.02
HSL	219°, 88%, 87%
HSV	219°, 23%, 98%
XYZ	63.1992, 65.8910, 100.6541
YIQ	211.3520, -24.1180, 7.5780

Conversions

Conversions Part 2

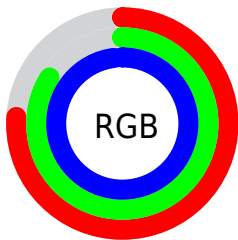
Format	Color
R _{YB}	193, 208, 251
Decimal	12703227
CIE Lab	84.94, 1.32, -20.79
CIE LCh	85, 20.835, 273.632
Yxy	65.8910, 0.2751, 0.2868
Android (android.graphics.Color)	4290893307 (0xFFC1D5FB)
YUV	211.3520, 19.5465, -16.0947
Hunter-Lab	81.1733, -3.0783, -16.6977

Details

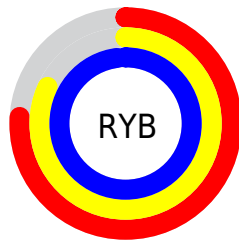
The RGB color **193, 213, 251** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **251, 231, 193**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 250, 255, 255, and **139, 158, 194** is the 20% darker color. If you saturate the color by 10%, you get **168, 197, 251**, and if you desaturate by 10%, it is **218, 229, 251**.

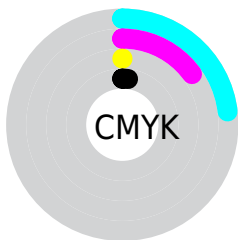
Distribution



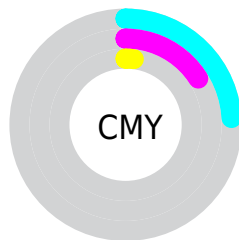
- Red (76%)
- Green (84%)
- Blue (98%)



- Red (76%)
- Yellow (82%)
- Blue (98%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 213, 251 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 193, 213, 251 by changing the saturation by 10% instead.

 193, 213, 251


255, 255, 255


 250, 255, 255

 193, 213, 251

 165, 185, 222


 139, 158, 194

 112, 132, 167

 87, 107, 141

 62, 83, 115

 38, 60, 90

 11, 39, 67

 0, 18, 44

 0, 1, 24

■ 193, 213, 251

■ 193, 213, 251

■ 168, 197, 251

■ 218, 229, 251

■ 143, 180, 251

■ 243, 246, 251

■ 118, 164, 251

■ 255, 255, 251

■ 93, 147, 251

■ 67, 131, 251

■ 42, 114, 251

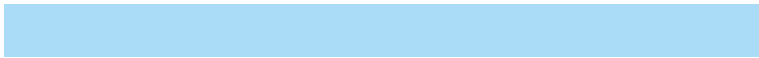
■ 17, 98, 251

■ 0, 87, 251

Harmonies

Analogous

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



170, 219, 247



193, 213, 251



219, 206, 245

Triad

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



193, 213, 251



253, 200, 191



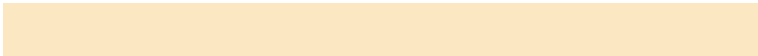
181, 222, 194

Complementary

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



193, 213, 251



251, 231, 193

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.



203, 218, 179



193, 213, 251



243, 205, 177

Square

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



193, 213, 251



252, 198, 210



225, 212, 173



164, 224, 214

Rectangle

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



193, 213, 251



234, 202, 236



225, 212, 173



188, 221, 188

Sweetspot

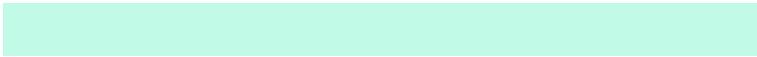
The Sweet Spot groups the original color and five complimentary colors.



193, 213, 251



237, 243, 255



193, 251, 231



117, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 213, 251



184, 208, 255



202, 193, 251



112, 117, 125



0, 65, 189



0, 21, 61

Inverse Universe

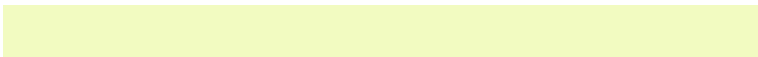
The Inverse Universe completely reimagines the original color for something new.



251, 193, 213



255, 184, 208



242, 251, 193



125, 112, 117



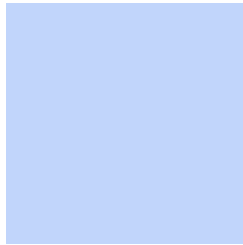
189, 0, 65



61, 0, 21

Previews

White Background



This preview shows how the RGB color 193, 213, 251 looks on a white background.

Color Contrast Check

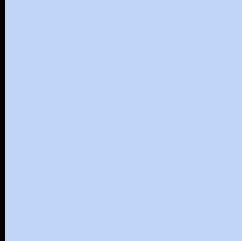
Large Text (above 18pt) WCAG AA × Fail

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 193, 213, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

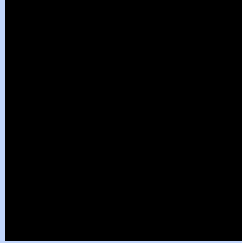
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

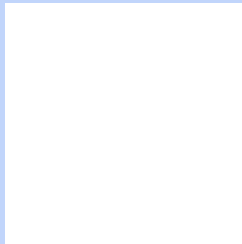
Any Text WCAG AAA ✓ Pass

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

RGB 193, 213, 251 Background



This preview shows how black text looks on a background with the RGB color 193, 213, 251.



This preview shows how white text looks on a background with the RGB color 193, 213, 251.

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
193, 213, 251

Protanopia
204, 210, 249

Deuteranopia
213, 207, 252



Tritanopia
189, 216, 233

Trichromacy



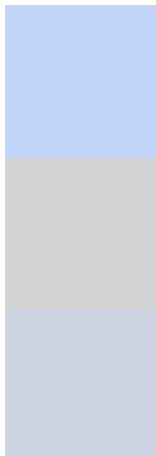
Original Color
193, 213, 251

Protanomaly
200, 211, 250

Deuteranomaly
206, 209, 252

Tritanomaly
190, 215, 240

Monochromacy



Original Color
193, 213, 251

Achromatopsia
211, 211, 211

Achromatomaly
204, 212, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 213, 251 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(193, 213, 251)` looks like.

```
.text, #text, p{  
    color:rgb(193, 213, 251)  
}
```

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(193, 213, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 213, 251) }
```

Border

The CSS property to change the border of an element to RGB 193, 213, 251 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(193, 213, 251) }
```

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

```
.border{ border-color:rgb(193, 213, 251) }
```

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

Here you see how a box with a 4 pixel rgb(193, 213, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 213, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 213, 251);  
box-shadow:4px 4px 4px 4px rgb(193, 213,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 193, 213, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 213, 251) }
```

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

```
.background{ background-color: rgb(193,  
213, 251) }
```

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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