

Converting Colors

RGB(198, 210, 235)

Have a look what the booklet for
RGB(198, 210, 235) contains.

RGB(198, 210, 235)	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(198, 210, 235)

Conversions

Conversions Part 1

Format	Color
Hex	C6D2EB
RGB	198, 210, 235
RGB Percent	78%, 82%, 92%
CMY	0.2235, 0.1765, 0.0784
CMYK	0.16, 0.11, 0.00, 0.08
HSL	221°, 48%, 85%
HSV	221°, 16%, 92%
XYZ	61.3307, 64.0971, 87.7368
YIQ	209.2620, -15.1770, 5.2310

Conversions

Conversions Part 2

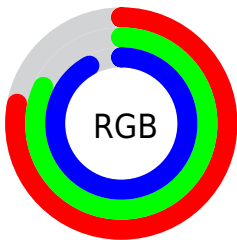
Format	Color
R _{YB}	198, 207, 235
Decimal	13030123
CIE _{Lab}	84.02, 0.96, -13.67
CIE _{LCh}	84, 13.702, 274.022
Y _{xy}	64.0971, 0.2877, 0.3007
Android (android.graphics.Color)	4291220203 (0xFFC6D2EB)
YUV	209.2620, 12.6888, -9.8768
Hunter-Lab	80.0607, -3.3658, -8.9322

Details

The RGB color **198, 210, 235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **235, 223, 198**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 255**, and **144, 156, 179** is the 20% darker color. If you saturate the color by 10%, you get **175, 194, 235**, and if you desaturate by 10%, it is **222, 226, 235**.

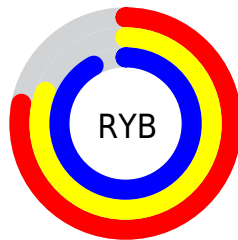
Distribution



Red (78%)

Green (82%)

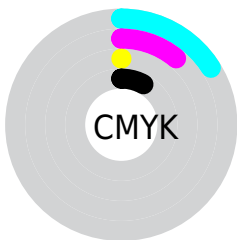
Blue (92%)



Red (78%)

Yellow (81%)

Blue (92%)

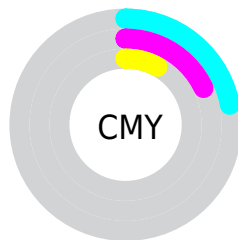


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (22%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 210, 235 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 198, 210, 235 by changing the saturation by 10% instead.

■ 198, 210, 235

255, 255, 255

255, 255, 255

■ 198, 210, 235

■ 171, 182, 207

■ 144, 156, 179

■ 118, 130, 152

■ 93, 105, 126

■ 69, 80, 101

■ 46, 58, 77

■ 24, 36, 55

■ 0, 15, 33


■ 0, 0, 8

 198, 210, 235

 198, 210, 235

 175, 194, 235


 222, 226, 235


 151, 178, 235


 245, 242, 235

 128, 162, 235


 255, 255, 235

 104, 146, 235

 81, 131, 235

 57, 115, 235

 34, 99, 235

 10, 83, 235

 0, 76, 235

Harmonies

Analogous

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



184, 214, 232



198, 210, 235



214, 206, 231

Triad

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



198, 210, 235



237, 202, 196



189, 216, 198

Complementary

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



198, 210, 235



235, 223, 198

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.



204, 213, 188



198, 210, 235



230, 205, 187

Square

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



198, 210, 235



236, 201, 208



218, 209, 184



179, 217, 211

Rectangle

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



198, 210, 235



224, 203, 225



218, 209, 184



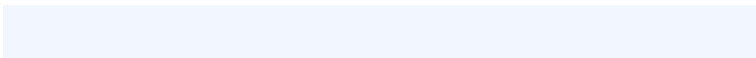
194, 215, 194

Sweetspot

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



198, 210, 235



242, 246, 255



198, 235, 223



120, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 210, 235



207, 222, 255



204, 198, 235



106, 109, 117



0, 59, 181



0, 17, 54

Inverse Universe

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



235, 198, 210



255, 207, 222



229, 235, 198



117, 106, 109



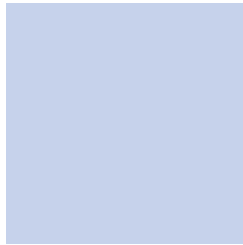
181, 0, 59



54, 0, 17

Previews

White Background



This preview shows how the RGB color 198, 210, 235 looks on a white background.

Color Contrast Check

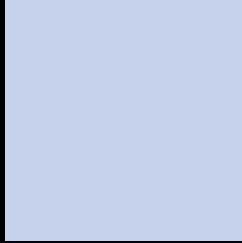
Large Text (above 18pt) WCAG AA × Fail

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 198, 210, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

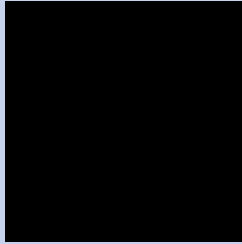
Any Text WCAG AA ✓ Pass

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 198, 210, 235 Background



This preview shows how black text looks on a background with the RGB color 198, 210, 235.



This preview shows how white text looks on a background with the RGB color 198, 210, 235.

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
198, 210, 235

Protanopia
206, 208, 234

Deuteranopia
217, 204, 236



Tritanopia
197, 211, 228

Trichromacy



Original Color
198, 210, 235

Protanomaly
203, 209, 234

Deuteranomaly
210, 206, 236

Tritanomaly
197, 211, 231

Monochromacy



Original Color
198, 210, 235

Achromatopsia
209, 209, 209

Achromatomaly
205, 209, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 210, 235 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(198, 210, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 235)  
}
```

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(198, 210, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 235) }
```

Border

The CSS property to change the border of an element to RGB 198, 210, 235 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(198, 210, 235) }
```

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

```
.border{ border-color:rgb(198, 210, 235) }
```

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

Here you see how a box with a 4 pixel rgb(198, 210, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 198, 210, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 235) }
```

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

```
.background{ background-color: rgb(198,  
210, 235) }
```

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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