

Converting Colors

RGB(196, 209, 234)

Have a look what the booklet for
RGB(196, 209, 234) contains.

RGB(196, 209, 234)	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(196, 209, 234)

Conversions

Conversions Part 1

Format	Color
Hex	C4D1EA
RGB	196, 209, 234
RGB Percent	77%, 82%, 92%
CMY	0.2314, 0.1804, 0.0824
CMYK	0.16, 0.11, 0.00, 0.08
HSL	219°, 47%, 84%
HSV	219°, 16%, 92%
XYZ	60.4167, 63.2772, 86.8713
YIQ	207.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

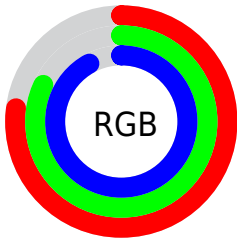
Format	Color
R _Y B	196, 206, 234
Decimal	12898794
CIE Lab	83.59, 0.65, -13.79
CIE LCh	84, 13.808, 272.698
Yxy	63.2772, 0.2869, 0.3005
Android (android.graphics.Color)	4291088874 (0xFFC4D1EA)
YUV	207.9630, 12.8362, -10.4916
Hunter-Lab	79.5470, -3.6347, -9.0663

Details

The RGB color **196, 209, 234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **234, 221, 196**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 253, 255, 255, and **142, 155, 178** is the 20% darker color. If you saturate the color by 10%, you get **173, 194, 234**, and if you desaturate by 10%, it is **219, 224, 234**.

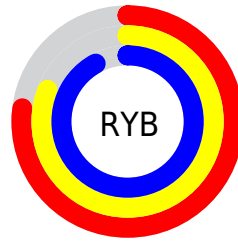
Distribution



Red (77%)

Green (82%)

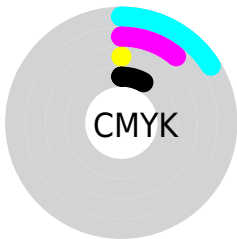
Blue (92%)



Red (77%)

Yellow (81%)

Blue (92%)

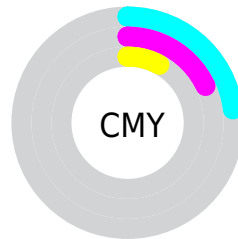


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (23%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 209, 234 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 196, 209, 234 by changing the saturation by 10% instead.

■ 196, 209, 234

255, 255, 255

253, 255, 255

■ 196, 209, 234

■ 169, 181, 206

■ 142, 155, 178

■ 116, 129, 152

■ 91, 104, 126

■ 67, 80, 101

■ 44, 57, 77

■ 22, 35, 54

■ 0, 14, 33

■ 0, 0, 7

■ 196, 209, 234

■ 196, 209, 234

■ 173, 194, 234

■ 219, 224, 234

■ 149, 178, 234

■ 243, 240, 234

■ 126, 163, 234

■ 255, 255, 234

■ 102, 147, 234

■ 79, 132, 234

■ 56, 117, 234

■ 32, 101, 234

■ 9, 86, 234

■ 0, 80, 234

Harmonies

Analogous

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



182, 213, 231



196, 209, 234



212, 205, 230

Triad

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



196, 209, 234



236, 200, 195



189, 215, 196

Complementary

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



196, 209, 234



234, 221, 196

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, 212, 186



196, 209, 234



230, 204, 186

Square

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



196, 209, 234



235, 200, 208



218, 208, 183



178, 216, 209

Rectangle

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



196, 209, 234



222, 202, 224



218, 208, 183



193, 214, 192

Sweetspot

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



196, 209, 234



242, 247, 255



196, 234, 221



120, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 209, 234



207, 223, 255



202, 196, 234



106, 110, 117



0, 62, 181



0, 18, 54

Inverse Universe

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



234, 196, 209



255, 207, 223



228, 234, 196



117, 106, 110



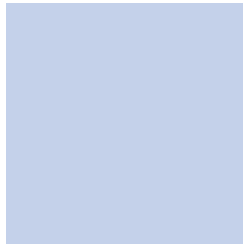
181, 0, 62



54, 0, 18

Previews

White Background



This preview shows how the RGB color 196, 209, 234 looks on a white background.

Color Contrast Check

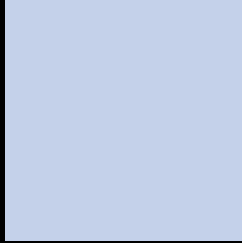
Large Text (above 18pt) WCAG AA × Fail

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 196, 209, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

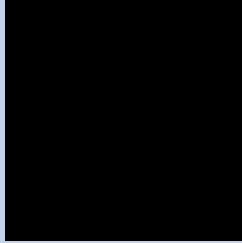
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

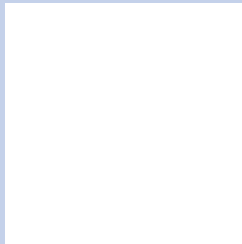
Any Text WCAG AAA ✓ Pass

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

RGB 196, 209, 234 Background



This preview shows how black text looks on a background with the RGB color 196, 209, 234.



This preview shows how white text looks on a background with the RGB color 196, 209, 234.

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
196, 209, 234

Protanopia
205, 207, 232

Deuteranopia
216, 203, 235



Tritanopia
195, 210, 227

Trichromacy



Original Color
196, 209, 234

Protanomaly
202, 208, 233

Deuteranomaly
209, 205, 235

Tritanomaly
195, 210, 230

Monochromacy



Original Color
196, 209, 234

Achromatopsia
208, 208, 208

Achromatomaly
204, 208, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 209, 234 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(196, 209, 234)` looks like.

```
.text, #text, p{  
    color:rgb(196, 209, 234)  
}
```

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(196, 209, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 209, 234) }
```

Border

The CSS property to change the border of an element to RGB 196, 209, 234 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(196, 209, 234) }
```

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

```
.border{ border-color:rgb(196, 209, 234) }
```

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

Here you see how a box with a 4 pixel rgb(196, 209, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 209, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 209, 234);  
box-shadow:4px 4px 4px 4px rgb(196, 209,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 196, 209, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 209, 234) }
```

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

```
.background{ background-color: rgb(196,  
209, 234) }
```

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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