

Converting Colors

RGB(202, 206, 231)

Have a look what the booklet for
RGB(202, 206, 231) contains.

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Color

RGB(202, 206, 231)

Conversions

Conversions Part 1

Format	Color
Hex	CACEE7
RGB	202, 206, 231
RGB Percent	79%, 81%, 91%
CMY	0.2078, 0.1922, 0.0941
CMYK	0.13, 0.11, 0.00, 0.09
HSL	232°, 38%, 85%
HSV	232°, 13%, 91%
XYZ	60.8522, 62.4687, 84.4517
YIQ	207.6540, -10.4090, 6.9270

Conversions

Conversions Part 2

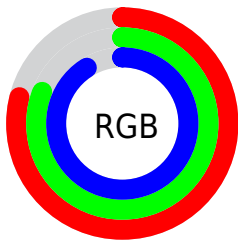
Format	Color
R _Y B	202, 206, 231
Decimal	13291239
CIE Lab	83.16, 3.52, -12.79
CIE LCh	83, 13.264, 285.375
Yxy	62.4687, 0.2929, 0.3007
Android (android.graphics.Color)	4291481319 (0xFFCACEE7)
YUV	207.6540, 11.5096, -4.9586
Hunter-Lab	79.0371, -0.8844, -8.0258

Details

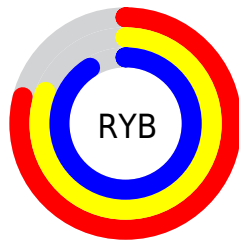
The RGB color **202, 206, 231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **231, 227, 202**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 152, 175** is the 20% darker color. If you saturate the color by 10%, you get **179, 186, 231**, and if you desaturate by 10%, it is **225, 226, 231**.

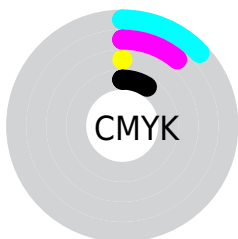
Distribution



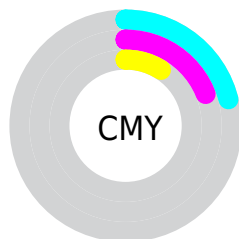
- Red (79%)
- Green (81%)
- Blue (91%)



- Red (79%)
- Yellow (81%)
- Blue (91%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 206, 231 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 202, 206, 231 by changing the saturation by 10% instead.

■ 202, 206, 231

255, 255, 255

■ 202, 206, 231

■ 175, 179, 203

■ 148, 152, 175

■ 122, 126, 149

■ 97, 101, 123

■ 73, 77, 98

■ 50, 54, 74


■ 28, 33, 52

■ 5, 10, 31

■ 0, 0, 2

 202, 206, 231

 202, 206, 231

 179, 186, 231


 225, 226, 231

 156, 166, 231

 248, 246, 231

 133, 146, 231

 255, 255, 231

 110, 126, 231

 86, 106, 231

 63, 87, 231

 40, 67, 231

 17, 47, 231

 0, 32, 231

Harmonies

Analogous

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



187, 210, 231



202, 206, 231



217, 202, 225

Triad

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



202, 206, 231



232, 201, 190



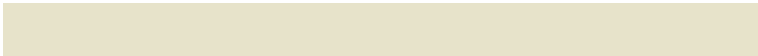
183, 214, 200

Complementary

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



202, 206, 231



231, 227, 202

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.



196, 212, 189



202, 206, 231



223, 204, 183

Square

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



202, 206, 231



234, 199, 201



211, 208, 183



176, 215, 213

Rectangle

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



202, 206, 231



226, 200, 218



211, 208, 183



187, 214, 196

Sweetspot

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



202, 206, 231



245, 246, 255



202, 231, 227



121, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 206, 231



217, 222, 255



212, 202, 231



103, 105, 115



0, 25, 179



0, 7, 51

Inverse Universe

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



231, 202, 206



255, 217, 222



221, 231, 202



115, 103, 105



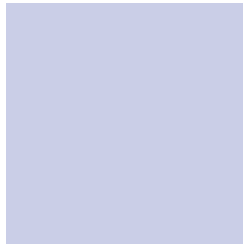
179, 0, 25



51, 0, 7

Previews

White Background



This preview shows how the RGB color 202, 206, 231 looks on a white background.

Color Contrast Check

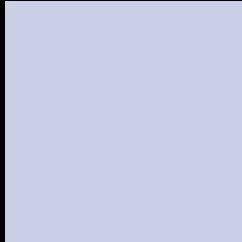
Large Text (above 18pt) WCAG AA × Fail

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 202, 206, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

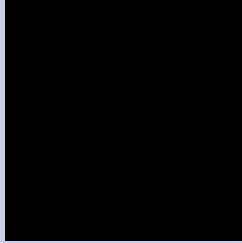
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

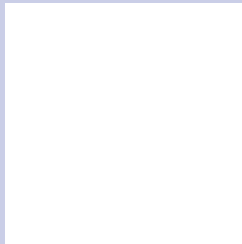
Any Text WCAG AAA ✓ Pass

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

RGB 202, 206, 231 Background



This preview shows how black text looks on a background with the RGB color 202, 206, 231.

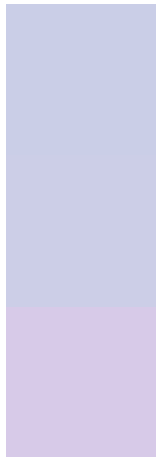


This preview shows how white text looks on a background with the RGB color 202, 206, 231.

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
[202](#), [206](#), [231](#)

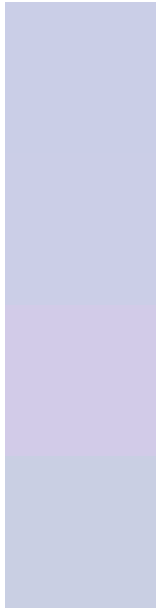
Protanopia
[204](#), [206](#), [231](#)

Deuteranopia
[215](#), [202](#), [232](#)



Tritanopia
201, 207, 224

Trichromacy



Original Color
202, 206, 231

Protanomaly
203, 206, 231

Deuteranomaly
210, 203, 232

Tritanomaly
201, 207, 227

Monochromacy



Original Color
202, 206, 231

Achromatopsia
208, 208, 208

Achromatomaly
206, 207, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 206, 231 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(202, 206, 231) looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 231)  
}
```

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(202, 206, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 231) }
```

Border

The CSS property to change the border of an element to RGB 202, 206, 231 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(202, 206, 231) }
```

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

```
.border{ border-color:rgb(202, 206, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 231);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 202, 206, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 231) }
```

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

```
.background{ background-color: rgb(202,  
206, 231) }
```

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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