

Converting Colors

RGB(203, 210, 240)

Have a look what the booklet for
RGB(203, 210, 240) contains.

RGB(203, 210, 240)	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(203, 210, 240)

Conversions

Conversions Part 1

Format	Color
Hex	CBD2F0
RGB	203, 210, 240
RGB Percent	80%, 82%, 94%
CMY	0.2039, 0.1765, 0.0588
CMYK	0.15, 0.13, 0.00, 0.06
HSL	229°, 55%, 87%
HSV	229°, 15%, 94%
XYZ	63.4034, 65.0810, 91.6582
YIQ	211.3270, -13.8020, 7.8460

Conversions

Conversions Part 2

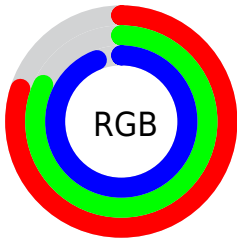
Format	Color
R _{YB}	203, 209, 240
Decimal	13357808
CIE Lab	84.53, 3.58, -15.52
CIE LCh	85, 15.931, 282.986
Yxy	65.0810, 0.2880, 0.2956
Android (android.graphics.Color)	4291547888 (0xFFCBD2F0)
YUV	211.3270, 14.1358, -7.3028
Hunter-Lab	80.6728, -0.8884, -10.8928

Details

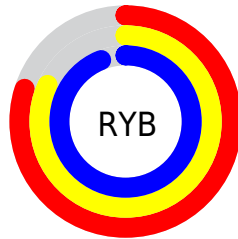
The RGB color `203, 210, 240` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `240, 233, 203`, and the grayscale version is `211, 211, 211`.

A 20% lighter version of the original color is `255, 255, 255`, and `149, 156, 184` is the 20% darker color. If you saturate the color by 10%, you get `179, 191, 240`, and if you desaturate by 10%, it is `227, 229, 240`.

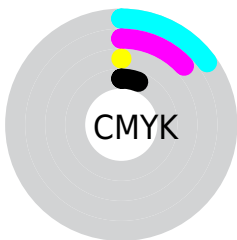
Distribution



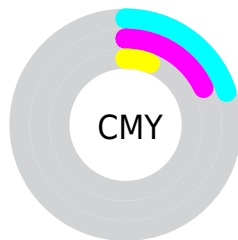
- Red (80%)
- Green (82%)
- Blue (94%)



- Red (80%)
- Yellow (82%)
- Blue (94%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 210, 240 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 203, 210, 240 by changing the saturation by 10% instead.

■ 203, 210, 240

255, 255, 255

■ 203, 210, 240

■ 175, 182, 212

■ 149, 156, 184

■ 123, 130, 157

■ 97, 105, 131

■ 73, 80, 106

■ 50, 58, 81


■ 28, 36, 58

■ 5, 15, 37

■ 0, 1, 14

 203, 210, 240


 203, 210, 240

 179, 191, 240


 227, 229, 240


 155, 171, 240

 251, 249, 240

 131, 152, 240


 255, 255, 240

 107, 132, 240

 83, 113, 240

 59, 93, 240

 35, 74, 240

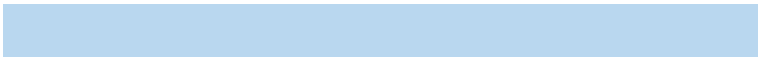
 11, 54, 240

 0, 45, 240

Harmonies

Analogous

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



185, 215, 239



203, 210, 240



222, 205, 233

Triad

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



203, 210, 240



241, 203, 191



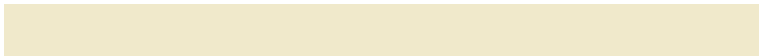
183, 219, 202

Complementary

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



203, 210, 240



240, 233, 203

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.



199, 216, 189



203, 210, 240



231, 207, 183

Square

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



203, 210, 240



243, 201, 205



216, 212, 182



174, 220, 217

Rectangle

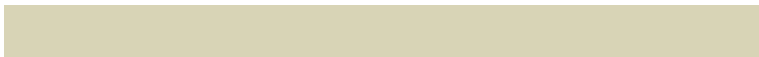
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203, 210, 240



232, 202, 225



216, 212, 182



188, 218, 197

Sweetspot

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



203, 210, 240



242, 245, 255



203, 240, 233



120, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 210, 240



207, 216, 255



214, 203, 240



108, 110, 120



0, 35, 184



0, 11, 56

Inverse Universe

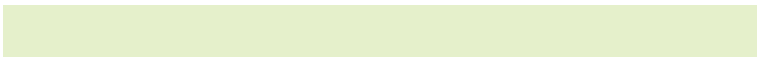
The Inverse Universe completely reimagines the original color for something new.



240, 203, 210



255, 207, 216



229, 240, 203



120, 108, 110



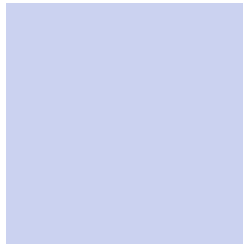
184, 0, 35



56, 0, 11

Previews

White Background



This preview shows how the RGB color 203, 210, 240 looks on a white background.

Color Contrast Check

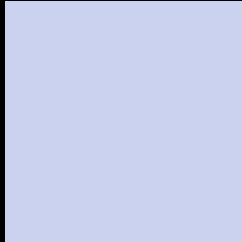
Large Text (above 18pt) WCAG AA × Fail

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 203, 210, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

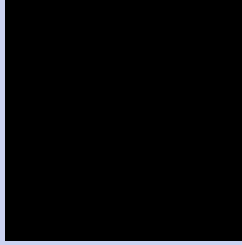
Any Text WCAG AA ✓ Pass

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 203, 210, 240 Background



This preview shows how black text looks on a background with the RGB color 203, 210, 240.

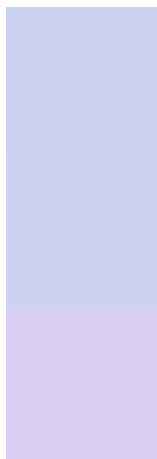


This preview shows how white text looks on a background with the RGB color 203, 210, 240.

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
203, 210, 240

Protanopia
206, 209, 239

Deuteranopia
217, 205, 241



Tritanopia
201, 212, 229

Trichromacy



Original Color

203, 210, 240

Protanomaly

205, 209, 239

Deuteranomaly

212, 207, 241

Tritanomaly

202, 211, 233

Monochromacy



Original Color

203, 210, 240

Achromatopsia

211, 211, 211

Achromatomaly

208, 211, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 210, 240 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(203, 210, 240)` looks like.

```
.text, #text, p{  
    color:rgb(203, 210, 240)  
}
```

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(203, 210, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 210, 240) }
```

Border

The CSS property to change the border of an element to RGB 203, 210, 240 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(203, 210, 240) }
```

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

```
.border{ border-color:rgb(203, 210, 240) }
```

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

Here you see how a box with a 4 pixel rgb(203, 210, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 210, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 210, 240);  
box-shadow:4px 4px 4px 4px rgb(203, 210,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 203, 210, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 210, 240) }
```

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

```
.background{ background-color: rgb(203,  
210, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor