

Converting Colors

RGB(203, 217, 222)

Have a look what the booklet for
RGB(203, 217, 222) contains.

RGB(203, 217, 222)	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, 217, 222)

Conversions

Conversions Part 1

Format	Color
Hex	CBD9DE
RGB	203, 217, 222
RGB Percent	80%, 85%, 87%
CMY	0.2039, 0.1490, 0.1294
CMYK	0.09, 0.02, 0.00, 0.13
HSL	196°, 22%, 83%
HSV	196°, 9%, 87%
XYZ	62.6263, 67.5961, 78.8538
YIQ	213.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

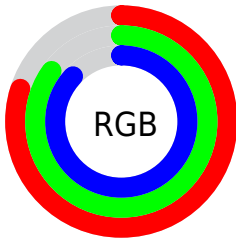
Format	Color
R _Y B	203, 211, 222
Decimal	13359582
CIE Lab	85.80, -3.72, -4.08
CIE LCh	86, 5.524, 227.615
Yxy	67.5961, 0.2995, 0.3233
Android (android.graphics.Color)	4291549662 (0xFFCBD9DE)
YUV	213.3840, 4.2477, -9.1068
Hunter-Lab	82.2169, -7.9124, 0.6870

Details

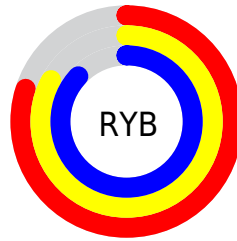
The RGB color **203, 217, 222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 208, 203**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 162, 167** is the 20% darker color. If you saturate the color by 10%, you get **181, 211, 222**, and if you desaturate by 10%, it is **225, 223, 222**.

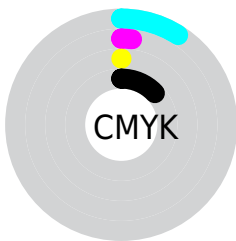
Distribution



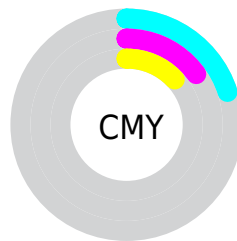
- Red (80%)
- Green (85%)
- Blue (87%)



- Red (80%)
- Yellow (83%)
- Blue (87%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 217, 222 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, 217, 222 by changing the saturation by 10% instead.

■ 203, 217, 222

255, 255, 255

■ 203, 217, 222

■ 176, 189, 194

■ 149, 162, 167

■ 123, 136, 141

■ 98, 111, 115

■ 74, 86, 91

■ 51, 63, 67

■ 30, 41, 45

■ 7, 21, 24

■ 0, 0, 0

■ 203, 217, 222

■ 203, 217, 222

■ 181, 211, 222

■ 225, 223, 222

■ 159, 205, 222

■ 247, 229, 222

■ 136, 199, 222

■ 255, 235, 222

■ 114, 194, 222

■ 255, 240, 222

■ 92, 188, 222

■ 255, 246, 222

■ 70, 182, 222

■ 255, 252, 222

■ 48, 176, 222

■ 255, 255, 222

■ 25, 170, 222

■ 3, 164, 222

Harmonies

Analogous

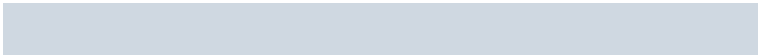
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202, 218, 217



203, 217, 222



207, 216, 225

Triad

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



203, 217, 222



224, 211, 217



216, 215, 205

Complementary

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



203, 217, 222



222, 208, 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.



221, 213, 204



203, 217, 222



226, 211, 212

Square

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



203, 217, 222



219, 212, 222



225, 212, 207



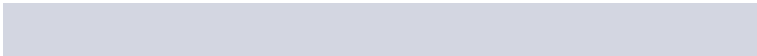
210, 217, 207

Rectangle

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



203, 217, 222



211, 214, 225



225, 212, 207



218, 215, 204

Sweetspot

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



203, 217, 222



247, 253, 255



203, 222, 208



122, 126, 128



0, 0, 0



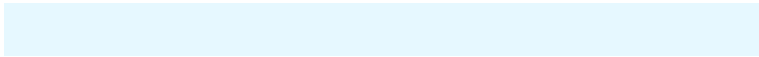
128, 128, 128

Same Dimension

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



203, 217, 222



230, 248, 255



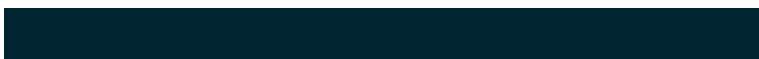
203, 208, 222



101, 109, 112



0, 130, 176



0, 36, 48

Inverse Universe

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



222, 203, 217



255, 230, 248



222, 217, 203



112, 101, 109



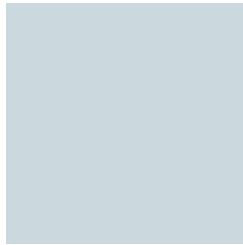
176, 0, 130



48, 0, 36

Previews

White Background



This preview shows how the RGB color 203, 217, 222 looks on a white background.

Color Contrast Check

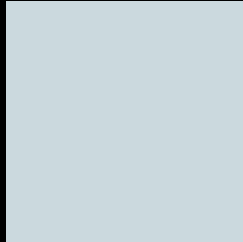
Large Text (above 18pt) WCAG AA × Fail

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, 217, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

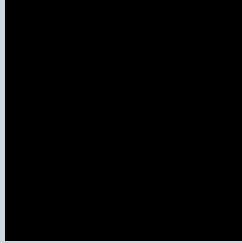
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

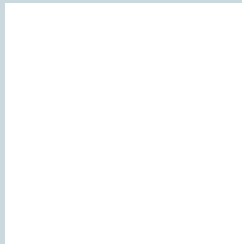
Any Text WCAG AAA ✓ Pass

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

RGB 203, 217, 222 Background



This preview shows how black text looks on a background with the RGB color 203, 217, 222.



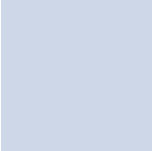
This preview shows how white text looks on a background with the RGB color 203, 217, 222.

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](#).

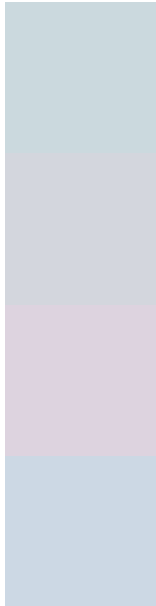
Dichromacy





Tritanopia
205, 215, 232

Trichromacy



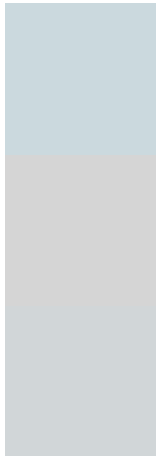
Original Color
203, 217, 222

Protanomaly
211, 214, 221

Deuteranomaly
221, 211, 223

Tritanomaly
204, 216, 228

Monochromacy



Original Color
203, 217, 222

Achromatopsia
213, 213, 213

Achromatomaly
209, 214, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 217, 222 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, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 222)  
}
```

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, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 222) }
```

Border

The CSS property to change the border of an element to RGB 203, 217, 222 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, 217, 222) }
```

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

```
.border{ border-color:rgb(203, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 203, 217, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 222) }
```

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

```
.background{ background-color: rgb(203,  
217, 222) }
```

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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