

Converting Colors

RGB(203, 203, 219)

Have a look what the booklet for
RGB(203, 203, 219) contains.

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Color

RGB(203, 203, 219)

Conversions

Conversions Part 1

Format	Color
Hex	CBCBDB
RGB	203, 203, 219
RGB Percent	80%, 80%, 86%
CMY	0.2039, 0.2039, 0.1412
CMYK	0.07, 0.07, 0.00, 0.14
HSL	240°, 18%, 83%
HSV	240°, 7%, 86%
XYZ	58.7707, 60.5229, 75.6024
YIQ	204.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

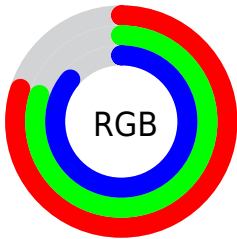
Format	Color
R _Y B	203, 203, 219
Decimal	13355995
CIE Lab	82.12, 3.03, -7.93
CIE LCh	82, 8.486, 290.926
Yxy	60.5229, 0.3015, 0.3105
Android (android.graphics.Color)	4291546075 (0xFFCBCBDB)
YUV	204.8240, 6.9888, -1.5996
Hunter-Lab	77.7964, -1.2973, -3.1604

Details

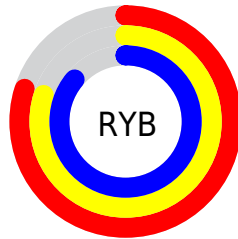
The RGB color **203, 203, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 219, 203**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 149, 164** is the 20% darker color. If you saturate the color by 10%, you get **181, 181, 219**, and if you desaturate by 10%, it is **225, 225, 219**.

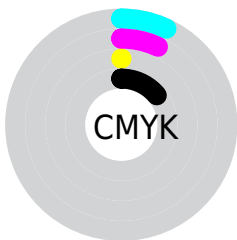
Distribution



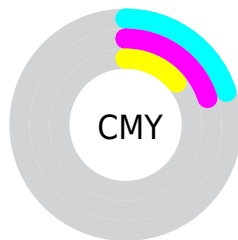
- Red (80%)
- Green (80%)
- Blue (86%)



- Red (80%)
- Yellow (80%)
- Blue (86%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 203, 219 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, 203, 219 by changing the saturation by 10% instead.

■ 203, 203, 219

255, 255, 255

■ 203, 203, 219

■ 176, 176, 191

■ 149, 149, 164

■ 123, 123, 138

■ 98, 98, 112

■ 74, 75, 88

■ 52, 52, 65


■ 30, 31, 43

■ 7, 6, 22

■ 0, 0, 0

 203, 203, 219

 203, 203, 219

 181, 181, 219

 225, 225, 219

 159, 159, 219

 247, 247, 219

 137, 137, 219

 255, 255, 219

 115, 115, 219

 94, 94, 219

 72, 72, 219

 50, 50, 219

 28, 28, 219

 6, 6, 219

Harmonies

Analogous

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



193, 206, 220



203, 203, 219



212, 201, 214

Triad

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



203, 203, 219



220, 200, 192



188, 209, 201

Complementary

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



203, 203, 219



219, 219, 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.



196, 208, 194



203, 203, 219



214, 203, 189

Square

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



203, 203, 219



222, 199, 199



205, 205, 189



185, 209, 210

Rectangle

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



203, 203, 219



217, 199, 210



205, 205, 189



190, 209, 199

Sweetspot

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



203, 203, 219



250, 250, 255



203, 219, 219



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 203, 219



232, 232, 255



211, 203, 219



99, 99, 110



0, 0, 173



0, 0, 46

Inverse Universe

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



219, 203, 219



255, 232, 255



211, 219, 203



110, 99, 110



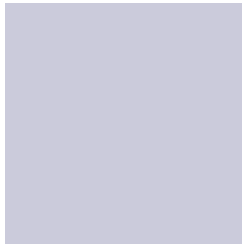
173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RGB color 203, 203, 219 looks on a white background.

Color Contrast Check

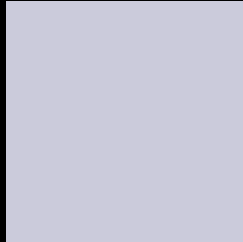
Large Text (above 18pt) WCAG AA × Fail

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, 203, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

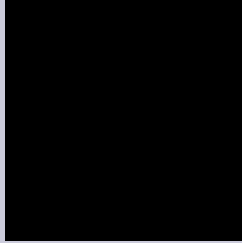
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

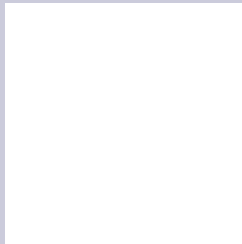
Any Text WCAG AAA ✓ Pass

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

RGB 203, 203, 219 Background



This preview shows how black text looks on a background with the RGB color 203, 203, 219.

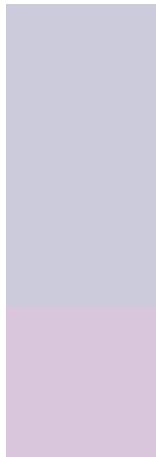


This preview shows how white text looks on a background with the RGB color 203, 203, 219.

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, 203, 219

Protanopia
203, 203, 219

Deuteranopia
217, 198, 220



Tritanopia
203, 203, 219

Trichromacy



Original Color
203, 203, 219

Protanomaly
203, 203, 219

Deuteranomaly
212, 200, 220

Tritanomaly
203, 203, 219

Monochromacy



Original Color
203, 203, 219

Achromatopsia
205, 205, 205

Achromatomaly
204, 204, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 203, 219 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, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 219)  
}
```

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, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 219) }
```

Border

The CSS property to change the border of an element to RGB 203, 203, 219 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, 203, 219) }
```

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

```
.border{ border-color:rgb(203, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 203, 203, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 219) }
```

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

```
.background{ background-color: rgb(203,  
203, 219) }
```

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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