

Converting Colors

RGB(203, 200, 212)

Have a look what the booklet for
RGB(203, 200, 212) contains.

RGB(203, 200, 212)	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, 200, 212)

Conversions

Conversions Part 1

Format	Color
Hex	CBC8D4
RGB	203, 200, 212
RGB Percent	80%, 78%, 83%
CMY	0.2039, 0.2157, 0.1686
CMYK	0.04, 0.06, 0.00, 0.17
HSL	255°, 12%, 81%
HSV	255°, 6%, 83%
XYZ	57.1665, 58.7585, 70.6159
YIQ	202.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

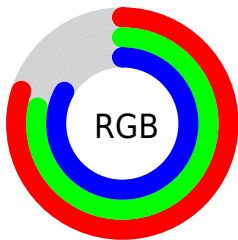
Format	Color
R _Y B	203, 200, 212
Decimal	13355220
CIE Lab	81.16, 3.27, -5.60
CIE LCh	81, 6.488, 300.262
Yxy	58.7585, 0.3065, 0.3150
Android (android.graphics.Color)	4291545300 (0xFFCBC8D4)
YUV	202.2650, 4.7994, 0.6446
Hunter-Lab	76.6541, -1.0243, -0.9617

Details

The RGB color **203, 200, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 212, 200**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is 255, 255, 255, and **149, 146, 157** is the 20% darker color. If you saturate the color by 10%, you get **187, 179, 212**, and if you desaturate by 10%, it is **219, 221, 212**.

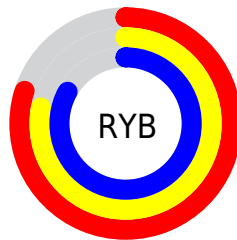
Distribution



Red (80%)

Green (78%)

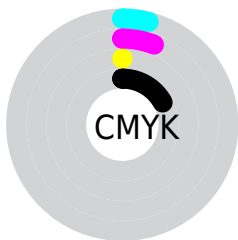
Blue (83%)



Red (80%)

Yellow (78%)

Blue (83%)

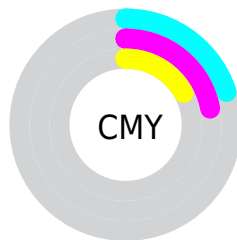


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (17%)



Cyan (20%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 200, 212 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, 200, 212 by changing the saturation by 10% instead.

■ 203, 200, 212

255, 255, 255

■ 203, 200, 212

■ 176, 173, 184

■ 149, 146, 157

■ 123, 120, 131

■ 98, 96, 106

■ 74, 72, 82

■ 52, 50, 59


■ 31, 29, 37

■ 6, 2, 17


■ 0, 0, 0

 203, 200, 212


 203, 200, 212

 187, 179, 212

 219, 221, 212

 171, 158, 212

 235, 242, 212


 155, 136, 212

 251, 255, 212


 139, 115, 212


 255, 255, 212

 123, 94, 212

 108, 73, 212

 92, 52, 212

 76, 30, 212

 60, 9, 212

Harmonies

Analogous

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



196, 202, 214



203, 200, 212



210, 198, 208

Triad

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



203, 200, 212



212, 199, 191



188, 205, 201

Complementary

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



203, 200, 212



209, 212, 200

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.



193, 205, 195



203, 200, 212



207, 201, 190

Square

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



203, 200, 212



215, 198, 196



200, 203, 191



187, 205, 207

Rectangle

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



203, 200, 212



213, 198, 204



200, 203, 191



190, 205, 199

Sweetspot

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



203, 200, 212



251, 250, 255



200, 209, 212



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 200, 212



242, 237, 255



209, 200, 212



101, 99, 107



43, 0, 171



11, 0, 43

Inverse Universe

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



212, 200, 209



255, 237, 251



203, 212, 200



107, 99, 105



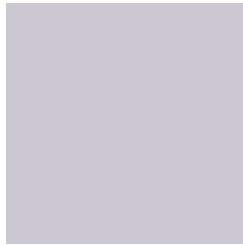
171, 0, 128



43, 0, 33

Previews

White Background



This preview shows how the RGB color 203, 200, 212 looks on a white background.

Color Contrast Check

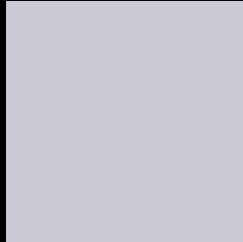
Large Text (above 18pt) WCAG AA × Fail

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, 200, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

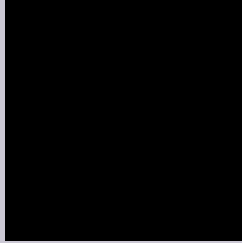
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

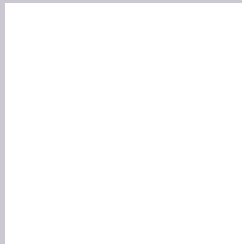
Any Text WCAG AAA ✓ Pass

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

RGB 203, 200, 212 Background



This preview shows how black text looks on a background with the RGB color 203, 200, 212.

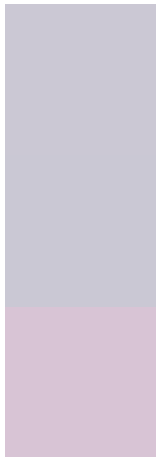


This preview shows how white text looks on a background with the RGB color 203, 200, 212.

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, 200, 212

Protanopia
202, 200, 212

Deuteranopia
216, 196, 213



Tritanopia
204, 199, 215

Trichromacy



Original Color

203, 200, 212

Protanomaly

202, 200, 212

Deuteranomaly

211, 197, 213

Tritanomaly

204, 199, 214

Monochromacy



Original Color

203, 200, 212

Achromatopsia

202, 202, 202

Achromatomaly

202, 201, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 200, 212 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, 200, 212) looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 212)  
}
```

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, 200, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 212) }
```

Border

The CSS property to change the border of an element to RGB 203, 200, 212 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, 200, 212) }
```

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

```
.border{ border-color:rgb(203, 200, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 200, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 200, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 200, 212);  
box-shadow:4px 4px 4px 4px rgb(203, 200,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 203, 200, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 212) }
```

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

```
.background{ background-color: rgb(203,  
200, 212) }
```

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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