

Converting Colors

RGB(201, 201, 203)

Have a look what the booklet for
RGB(201, 201, 203) contains.

RGB(201, 201, 203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

RGB(201, 201, 203)

Conversions

Conversions Part 1	
Format	Color
Hex	C9C9CB
RGB	201, 201, 203
RGB Percent	79%, 79%, 80%
CMY	0.2118, 0.2118, 0.2039
CMYK	0.01, 0.01, 0.00, 0.20
HSL	240°, 2%, 79%
HSV	240°, 1%, 80%
XYZ	55.7535, 58.5026, 64.8535
YIQ	201.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

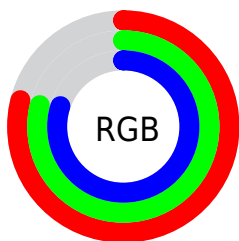
Format	Color
RYB	201, 201, 203
Decimal	13224395
CIELab	81.02, 0.37, -1.00
CIELCh	81, 1.071, 290.333
Yxy	58.5026, 0.3113, 0.3266
Android (android.graphics.Color)	4291414475 (0xFFC9C9CB)
YUV	201.2280, 0.8736, -0.2000
Hunter-Lab	76.4870, -3.7385, 3.2687

Details

The RGB color `201, 201, 203` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `203, 203, 201`, and the grayscale version is `201, 201, 201`.

A 20% lighter version of the original color is `255, 255, 255`, and `147, 147, 149` is the 20% darker color. If you saturate the color by 10%, you get `181, 181, 203`, and if you desaturate by 10%, it is `221, 221, 203`.

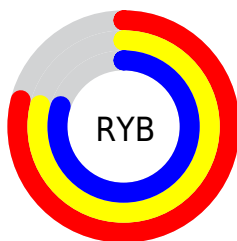
Distribution



Red (79%)

Green (79%)

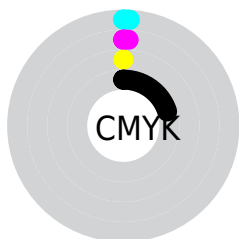
Blue (80%)



Red (79%)

Yellow (79%)

Blue (80%)

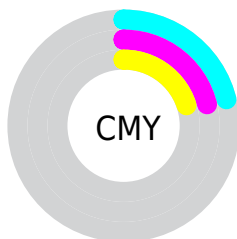


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (20%)



Cyan (21%)

Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 201, 201, 203 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 201, 201, 203 by changing the saturation by 10% instead.


 201, 201, 203

 201, 201, 203

255, 255, 255

 174, 174, 176

 147, 147, 149

 121, 121, 123

 97, 97, 98

 73, 73, 75

 50, 50, 52


 29, 29, 31


 4, 4, 6


 0, 0, 0

 201, 201, 203


 201, 201, 203

 181, 181, 203


 221, 221, 203


 160, 160, 203

 242, 242, 203

 140, 140, 203

 255, 255, 203

 120, 120, 203

 100, 100, 203

 79, 79, 203

 59, 59, 203

 39, 39, 203

 18, 18, 203

Harmonies

Analogous

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



200, 201, 203



201, 201, 203



202, 201, 202

Triad

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



201, 201, 203



203, 201, 200



199, 202, 201

Complementary

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



201, 201, 203



203, 203, 201

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.



200, 202, 200



201, 201, 203



202, 201, 199

Square

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



201, 201, 203



203, 201, 200



201, 201, 199



199, 202, 202

Rectangle

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



201, 201, 203



203, 201, 202



201, 201, 199



199, 202, 200

Sweetspot

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



201, 201, 203

255, 255, 255



201, 203, 203



128, 128, 128



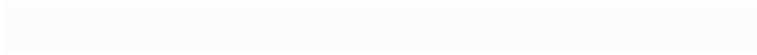
0, 0, 0

Same Dimension

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



201, 201, 203



252, 252, 255



202, 201, 203



101, 101, 102



0, 0, 166



0, 0, 38

Inverse Universe

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



203, 201, 203



255, 252, 255



202, 203, 201



102, 101, 102



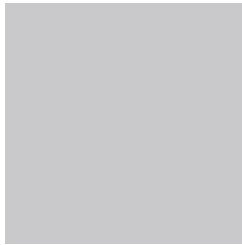
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 201, 201, 203 looks on a white background.

Color Contrast Check

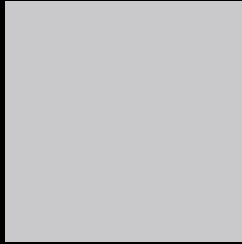
Large Text (above 18pt) WCAG AA × Fail

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 201, 201, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

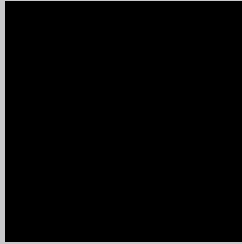
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

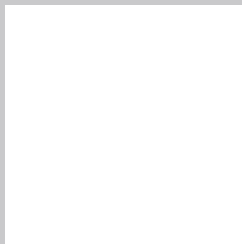
Any Text WCAG AAA ✓ Pass

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

RGB 201, 201, 203 Background



This preview shows how black text looks on a background with the RGB color 201, 201, 203.

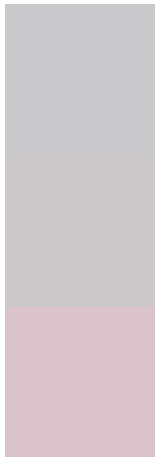


This preview shows how white text looks on a background with the RGB color 201, 201, 203.

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

[201](#), [201](#), [203](#)

Protanopia

[204](#), [200](#), [202](#)

Deuteranopia

[219](#), [195](#), [204](#)



Tritanopia

203, 199, 215

Trichromacy



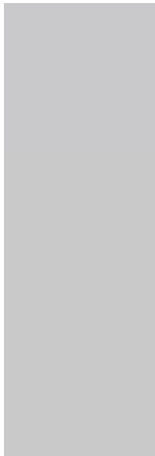
Original Color
201, 201, 203

Protanomaly
203, 200, 202

Deuteranomaly
212, 197, 204

Tritanomaly
202, 200, 211

Monochromacy



Original Color
201, 201, 203

Achromatopsia
201, 201, 201

Achromatomaly
201, 201, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 201, 203 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(201, 201, 203) looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 203)  
}
```

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(201, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 203) }
```

Border

The CSS property to change the border of an element to RGB 201, 201, 203 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(201, 201, 203) }
```

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

```
.border{ border-color:rgb(201, 201, 203) }
```

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

Here you see how a box with a 4 pixel rgb(201, 201, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 201, 201, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 203) }
```

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

```
.background{ background-color: rgb(201,  
201, 203) }
```

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