

Converting Colors

RGB(199, 198, 202)

Have a look what the booklet for
RGB(199, 198, 202) contains.

RGB(199, 198, 202)	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(199, 198, 202)

Conversions

Conversions Part 1

Format	Color
Hex	C7C6CA
RGB	199, 198, 202
RGB Percent	78%, 78%, 79%
CMY	0.2196, 0.2235, 0.2078
CMYK	0.01, 0.02, 0.00, 0.21
HSL	255°, 4%, 78%
HSV	255°, 2%, 79%
XYZ	54.4079, 56.7945, 63.9720
YIQ	198.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

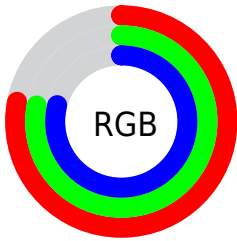
Format	Color
RYB	199, 198, 202
Decimal	13092554
CIELab	80.06, 1.09, -1.88
CIElCh	80, 2.174, 300.017
Yxy	56.7945, 0.3106, 0.3242
Android (android.graphics.Color)	4291282634 (0xFFC7C6CA)
YUV	198.7550, 1.5998, 0.2149
Hunter-Lab	75.3622, -3.0152, 2.4246

Details

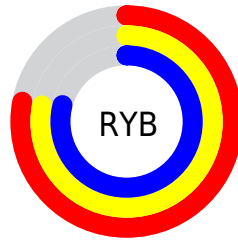
The RGB color **199, 198, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 202, 198**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 144, 148** is the 20% darker color. If you saturate the color by 10%, you get **184, 178, 202**, and if you desaturate by 10%, it is **214, 218, 202**.

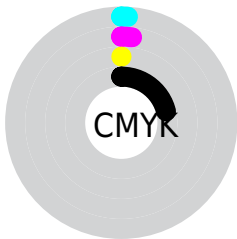
Distribution



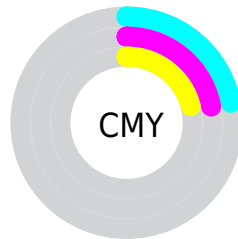
- Red (78%)
- Green (78%)
- Blue (79%)



- Red (78%)
- Yellow (78%)
- Blue (79%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 198, 202 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 199, 198, 202 by changing the saturation by 10% instead.

■ 199, 198, 202

255, 255, 255

255, 255, 255

■ 199, 198, 202

■ 172, 171, 175

■ 145, 144, 148

■ 120, 119, 122

■ 95, 94, 97

■ 71, 70, 74

■ 49, 48, 51

■ 28, 27, 30

■ 1, 0, 5

■ 0, 0, 0

■ 199, 198, 202

■ 199, 198, 202

■ 184, 178, 202

■ 214, 218, 202

■ 169, 158, 202

■ 229, 238, 202

■ 154, 137, 202

■ 244, 255, 202

■ 138, 117, 202

■ 255, 255, 202

■ 123, 97, 202

■ 108, 77, 202

■ 93, 57, 202

■ 78, 36, 202

■ 63, 16, 202

Harmonies

Analogous

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



197, 199, 203



199, 198, 202



201, 197, 201

Triad

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



199, 198, 202



202, 198, 195



194, 200, 198

Complementary

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



199, 198, 202



201, 202, 198

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, 200, 196



199, 198, 202



200, 198, 194

Square

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



199, 198, 202



203, 197, 197



198, 199, 195



194, 200, 200

Rectangle

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



199, 198, 202



202, 197, 199



198, 199, 195



195, 200, 198

Sweetspot

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



199, 198, 202



253, 252, 255



198, 201, 202



127, 126, 128



0, 0, 0



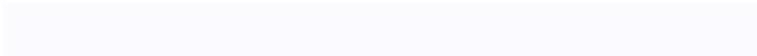
128, 128, 128

Same Dimension

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



199, 198, 202



251, 250, 255



201, 198, 202



100, 100, 102



41, 0, 166



10, 0, 38

Inverse Universe

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



202, 198, 201



255, 250, 254



199, 202, 198



102, 100, 101



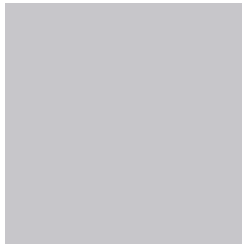
166, 0, 124



38, 0, 29

Previews

White Background



This preview shows how the RGB color 199, 198, 202 looks on a white background.

Color Contrast Check

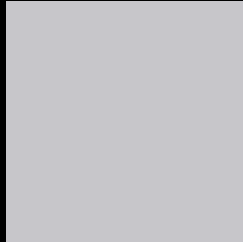
Large Text (above 18pt) WCAG AA × Fail

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 199, 198, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

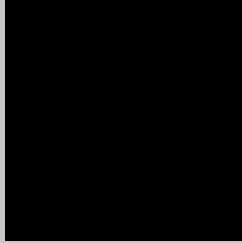
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

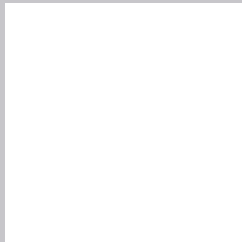
Any Text WCAG AAA ✓ Pass

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

RGB 199, 198, 202 Background



This preview shows how black text looks on a background with the RGB color 199, 198, 202.

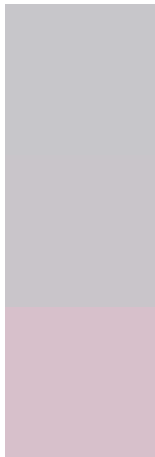


This preview shows how white text looks on a background with the RGB color 199, 198, 202.

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
[199](#), [198](#), [202](#)

Protanopia
[201](#), [197](#), [202](#)

Deuteranopia
[215](#), [192](#), [203](#)



Tritanopia
201, 196, 212

Trichromacy



Original Color

199, 198, 202

Protanomaly

200, 197, 202

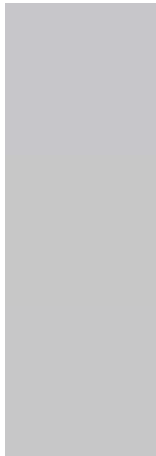
Deuteranomaly

209, 194, 203

Tritanomaly

200, 197, 208

Monochromacy



Original Color

199, 198, 202

Achromatopsia

199, 199, 199

Achromatomaly

199, 199, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 198, 202 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(199, 198, 202) looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 202)  
}
```

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(199, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 202) }
```

Border

The CSS property to change the border of an element to RGB 199, 198, 202 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(199, 198, 202) }
```

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

```
.border{ border-color:rgb(199, 198, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 199, 198, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 202) }
```

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

```
.background{ background-color: rgb(199,  
198, 202) }
```

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