

Converting Colors

RGB(202, 208, 202)

Have a look what the booklet for
RGB(202, 208, 202) contains.

RGB(202, 208, 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(202, 208, 202)

Conversions

Conversions Part 1

Format	Color
Hex	CAD0CA
RGB	202, 208, 202
RGB Percent	79%, 82%, 79%
CMY	0.2078, 0.1843, 0.2078
CMYK	0.03, 0.00, 0.03, 0.18
HSL	120°, 6%, 80%
HSV	120°, 3%, 82%
XYZ	57.5737, 61.9326, 64.7968
YIQ	205.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

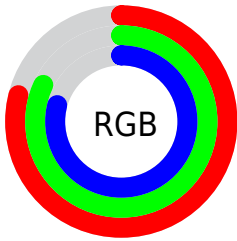
Format	Color
R _Y B	202, 208, 208
Decimal	13291722
CIE Lab	82.88, -3.14, 2.25
CIE LCh	83, 3.864, 144.350
Yxy	61.9326, 0.3124, 0.3360
Android (android.graphics.Color)	4291481802 (0xFFCAD0CA)
YUV	205.5220, -1.7363, -3.0888
Hunter-Lab	78.6973, -7.1324, 6.2706

Details

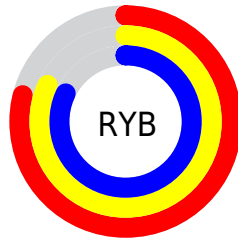
The RGB color **202, 208, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 202, 208**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is 255, 255, 255, and **148, 154, 148** is the 20% darker color. If you saturate the color by 10%, you get **181, 208, 181**, and if you desaturate by 10%, it is **223, 208, 223**.

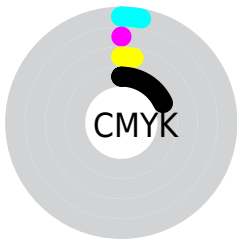
Distribution



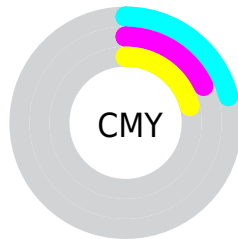
- Red (79%)
- Green (82%)
- Blue (79%)



- Red (79%)
- Yellow (82%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 208, 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 202, 208, 202 by changing the saturation by 10% instead.

■ 202, 208, 202

255, 255, 255

■ 202, 208, 202

■ 175, 180, 175

■ 148, 154, 148

■ 122, 128, 122

■ 97, 103, 97

■ 74, 79, 74

■ 51, 56, 51

■ 30, 34, 30

■ 5, 13, 5

■ 0, 0, 0

 202, 208, 202

 202, 208, 202

 181, 208, 181

 223, 208, 223

 160, 208, 160

 244, 208, 244

 140, 208, 140

 255, 208, 255

 119, 208, 119

 98, 208, 98

 77, 208, 77

 56, 208, 56

 36, 208, 36

 15, 208, 15

Harmonies

Analogous

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



206, 207, 200



202, 208, 202



199, 209, 205

Triad

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



202, 208, 202



202, 207, 213



215, 204, 203

Complementary

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



202, 208, 202



208, 202, 208

Split Complementary

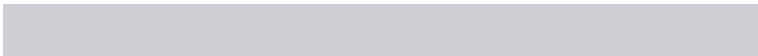
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214, 204, 207



202, 208, 202



206, 206, 213

Square

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



202, 208, 202



199, 208, 212



211, 205, 211



213, 205, 201

Rectangle

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



202, 208, 202



198, 209, 208



211, 205, 211



214, 204, 205

Sweetspot

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



202, 208, 202



252, 255, 252



208, 208, 202



126, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



202, 208, 202



247, 255, 247



202, 208, 205



100, 105, 100



0, 168, 0



0, 41, 0

Inverse Universe

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



208, 202, 208



255, 247, 255



208, 202, 205



105, 100, 105



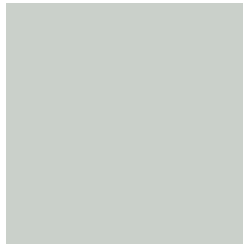
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RGB color 202, 208, 202 looks on a white background.

Color Contrast Check

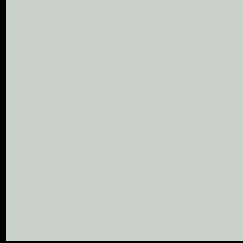
Large Text (above 18pt) WCAG AA × Fail

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 202, 208, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

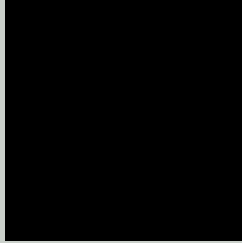
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

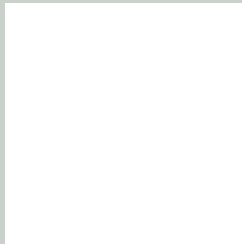
Any Text WCAG AAA ✓ Pass

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

RGB 202, 208, 202 Background



This preview shows how black text looks on a background with the RGB color 202, 208, 202.



This preview shows how white text looks on a background with the RGB color 202, 208, 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
202, 208, 202

Protanopia
211, 205, 200

Deuteranopia
227, 200, 204



Tritanopia
205, 205, 221

Trichromacy



Original Color

202, 208, 202

Protanomaly

208, 206, 201

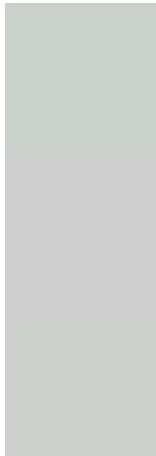
Deuteranomaly

218, 203, 203

Tritanomaly

204, 206, 214

Monochromacy



Original Color

202, 208, 202

Achromatopsia

206, 206, 206

Achromatomaly

205, 207, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 208, 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(202, 208, 202) looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 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(202, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 202) }
```

Border

The CSS property to change the border of an element to RGB 202, 208, 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(202, 208, 202) }
```

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

```
.border{ border-color:rgb(202, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(202, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 202, 208, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 202) }
```

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

```
.background{ background-color: rgb(202,  
208, 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