

# Converting Colors

RGB(204, 202, 202)

Have a look what the booklet for  
RGB(204, 202, 202) contains.

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# Color

**RGB(204, 202, 202)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCCACA
RGB	204, 202, 202
RGB Percent	80%, 79%, 79%
CMY	0.2000, 0.2078, 0.2078
CMYK	0.00, 0.01, 0.01, 0.20
HSL	0°, 2%, 80%
HSV	0°, 1%, 80%
XYZ	56.6830, 59.3427, 64.3439
YIQ	202.5980, 1.1920, 0.4240

# Conversions

## Conversions Part 2

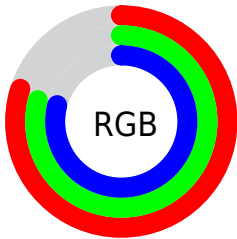
Format	Color
R <sub>Y</sub> B	204, 202, 202
Decimal	13421258
CIE Lab	81.48, 0.69, 0.23
CIE LCh	81, 0.732, 18.701
Yxy	59.3427, 0.3143, 0.3290
Android (android.graphics.Color)	4291611338 (0xFFCCCCACA)
YUV	202.5980, -0.2948, 1.2296
Hunter-Lab	77.0342, -3.4666, 4.4012

# Details

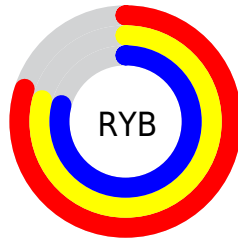
The RGB color **204, 202, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 204, 204**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 148, 148** is the 20% darker color. If you saturate the color by 10%, you get **204, 182, 182**, and if you desaturate by 10%, it is **204, 222, 222**.

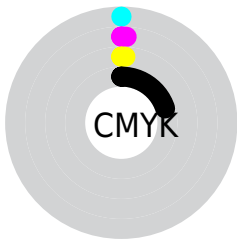
# Distribution



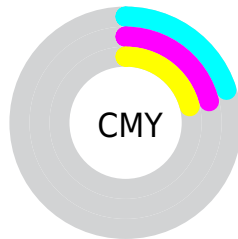
- Red (80%)
- Green (79%)
- Blue (79%)



- Red (80%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 204, 202, 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 204, 202, 202 by changing the saturation by 10% instead.



■ 204, 202, 202

255, 255, 255

■ 204, 202, 202

■ 177, 175, 175

■ 150, 148, 148

■ 124, 122, 122

■ 99, 97, 97

■ 75, 74, 74

■ 53, 51, 51


■ 32, 30, 30

■ 7, 5, 5


■ 0, 0, 0

 204, 202, 202


 204, 202, 202

 204, 182, 182


 204, 222, 222


 204, 161, 161

 204, 243, 243

 204, 141, 141

 204, 255, 255

 204, 120, 120

 204, 100, 100

 204, 80, 80

 204, 59, 59

 204, 39, 39

 204, 18, 18

# Harmonies

## Analogous

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



204, 202, 203



204, 202, 202



204, 202, 201

# Triad

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



204, 202, 202



202, 203, 201



202, 203, 204

# Complementary

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



204, 202, 202



202, 204, 204

# 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.



201, 203, 203



204, 202, 202



201, 203, 202

# Square

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



204, 202, 202



203, 203, 201



201, 203, 203



202, 202, 204

# Rectangle

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



204, 202, 202



204, 202, 201



201, 203, 203



201, 203, 204



# Sweetspot

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



204, 202, 202

255, 255, 255



204, 202, 204



128, 128, 128



0, 0, 0

# Same Dimension

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



204, 202, 202



255, 252, 252



204, 203, 202



102, 101, 101



166, 0, 0



38, 0, 0



# Inverse Universe

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



202, 204, 204



252, 255, 255



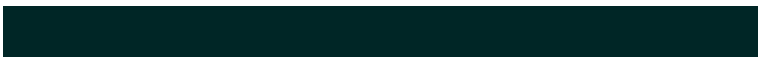
202, 203, 204



101, 102, 102



0, 166, 166

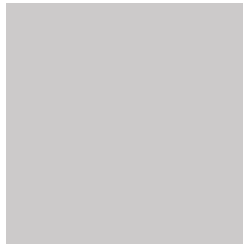


0, 38, 38



# Previews

## White Background



This preview shows how the RGB color 204, 202, 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 204, 202, 202 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

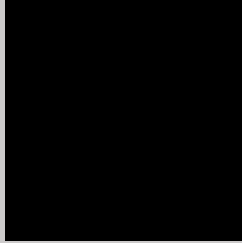
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

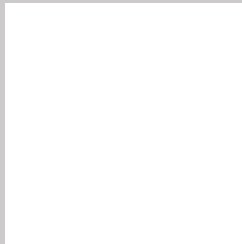
Any Text WCAG AAA ✓ Pass

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

## RGB 204, 202, 202 Background



This preview shows how black text looks on a background with the RGB color 204, 202, 202.



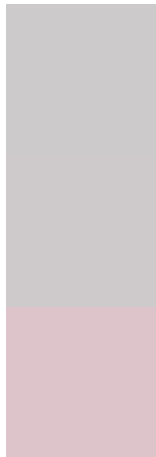
This preview shows how white text looks on a background with the RGB color 204, 202, 202.



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

**Protanopia**  
[206, 201, 202](#)

**Deuteranopia**  
[221, 196, 203](#)



**Tritanopia**  
206, 200, 216

# Trichromacy



## Original Color

204, 202, 202

## Protanomaly

205, 201, 202

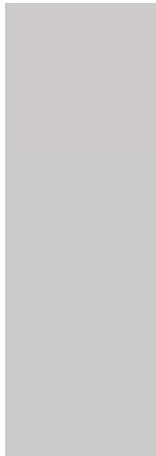
## Deuteranomaly

215, 198, 203

## Tritanomaly

205, 201, 211

# Monochromacy



## Original Color

204, 202, 202

## Achromatopsia

203, 203, 203

## Achromatomaly

203, 203, 203

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 204, 202, 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(204, 202, 202) looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 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(204, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 202) }
```

## Border

The CSS property to change the border of an element to RGB 204, 202, 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(204, 202, 202) }
```

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

```
.border{ border-color:rgb(204, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
202) }
```

# Background

The CSS property to change the background color of an element to RGB 204, 202, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 202) }
```

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

```
.background{ background-color: rgb(204,  
202, 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](#).

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