

Converting Colors

`RYB(204, 204, 207)`

Have a look what the booklet for
RYB(204, 204, 207) contains.

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Color

$\text{RYB}(204, 204, 207)$

Conversions

Conversions Part 1

Format	Color
Hex	CCCCCCF
RGB	204, 204, 207
RGB Percent	80%, 80%, 81%
CMY	0.2000, 0.2000, 0.1882
CMYK	0.01, 0.01, 0.00, 0.19
HSL	240°, 3%, 81%
HSV	240°, 1%, 81%
XYZ	57.7572, 60.5281, 67.6704
YIQ	204.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

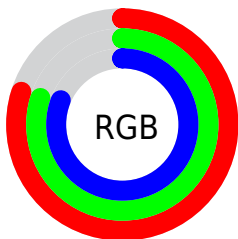
Format	Color
RYB	204, 204, 207
Decimal	13421775
CIELab	82.12, 0.56, -1.50
CIELCh	82, 1.597, 290.358
Yxy	60.5281, 0.3106, 0.3255
Android (android.graphics.Color)	4291611855 (0xFFCCCCCF)
YUV	204.3420, 1.3104, -0.2999
Hunter-Lab	77.7998, -3.6344, 2.8893

Details

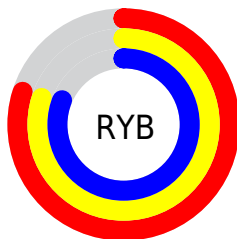
The RYB color **204, 204, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 207, 204**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 150, 153** is the 20% darker color. If you saturate the color by 10%, you get **183, 183, 207**, and if you desaturate by 10%, it is **207, 225, 207**.

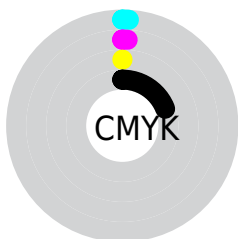
Distribution



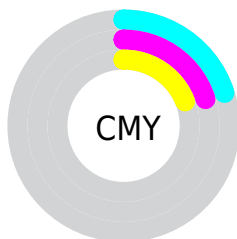
- Red (80%)
- Green (80%)
- Blue (81%)



- Red (80%)
- Yellow (80%)
- Blue (81%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 204, 207 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 RYB color 204, 204, 207 by changing the saturation by 10% instead.

■ 204, 204, 207

255, 255, 255

■ 204, 204, 207

■ 177, 177, 179

■ 150, 150, 153

■ 124, 124, 127

■ 99, 99, 102

■ 75, 75, 78

■ 53, 53, 55


■ 32, 32, 34

■ 7, 7, 11

■ 0, 0, 0

 204, 204, 207


 204, 204, 207

 183, 183, 207


 207, 225, 207


 163, 163, 207

 207, 245, 207

 142, 142, 207

 207, 255, 207

 121, 121, 207

 101, 101, 207

 80, 80, 207

 59, 59, 207

 38, 38, 207

 18, 18, 207

Harmonies

Analogous

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



202, 203, 207



204, 204, 207



206, 204, 206

Triad

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



204, 204, 207



207, 205, 202



201, 203, 205

Complementary

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



204, 204, 207



204, 207, 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.



202, 205, 204



204, 204, 207



204, 206, 201

Square

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



204, 204, 207



208, 203, 203



201, 204, 201



201, 203, 205

Rectangle

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



204, 204, 207



207, 203, 205



201, 204, 201



202, 204, 205

Sweetspot

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



204, 204, 207

255, 255, 255



204, 206, 207



128, 128, 128



0, 0, 0

Same Dimension

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



204, 204, 207



250, 250, 255



206, 204, 207



102, 102, 105



0, 0, 168



0, 0, 41

Inverse Universe

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



207, 204, 207



255, 250, 255



204, 207, 205



105, 102, 105



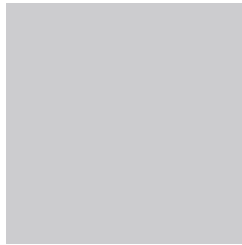
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RYB color 204, 204, 207 looks on a white background.

Color Contrast Check

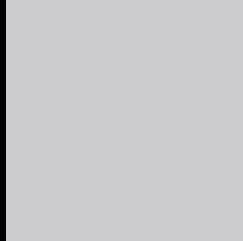
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 204, 204, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

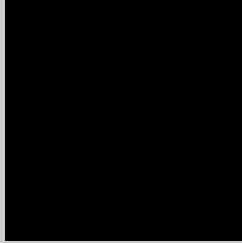
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

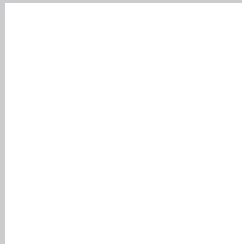
Any Text WCAG AAA ✓ Pass

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

RYB 204, 204, 207 Background



This preview shows how black text looks on a background with the RYB color 204, 204, 207.

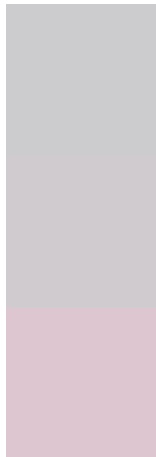


This preview shows how white text looks on a background with the RYB color 204, 204, 207.

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, 204, 207

Protanopia
207, 203, 206

Deuteranopia
222, 198, 208



Tritanopia
206, 202, 218

Trichromacy



Original Color

204, 204, 207

Protanomaly

206, 203, 206

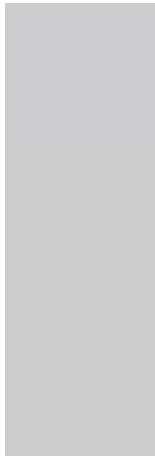
Deuteranomaly

215, 200, 208

Tritanomaly

205, 203, 214

Monochromacy



Original Color

204, 204, 207

Achromatopsia

204, 204, 204

Achromatomaly

204, 204, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 204, 207 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, 204, 207) looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 207)  
}
```

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, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 207) }
```

Border

The CSS property to change the border of an element to RYB 204, 204, 207 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, 204, 207) }
```

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

```
.border{ border-color:rgb(204, 204, 207) }
```

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

Here you see how a box with a 4 pixel rgb(204, 204, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 204, 204, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 207) }
```

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

```
.background{ background-color: rgb(204,  
204, 207) }
```

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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