

Converting Colors

`RYB(204, 201, 207)`

Have a look what the booklet for
RYB(204, 201, 207) contains.

RYB(204, 201, 207)	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

R_YB(204, 201, 207)

Conversions

Conversions Part 1

Format	Color
Hex	CCC9CF
RGB	204, 201, 207
RGB Percent	80%, 79%, 81%
CMY	0.2000, 0.2118, 0.1882
CMYK	0.01, 0.03, 0.00, 0.19
HSL	270°, 6%, 80%
HSV	270°, 3%, 81%
XYZ	57.0510, 59.1157, 67.4350
YIQ	202.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

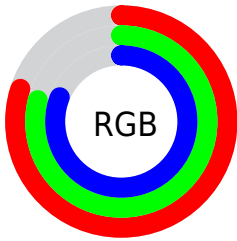
Format	Color
R_{YB}	204, 201, 207
Decimal	13421007
CIE _{Lab}	81.36, 2.14, -2.63
CIE _{LCh}	81, 3.386, 309.158
Yxy	59.1157, 0.3107, 0.3220
Android (android.graphics.Color)	4291611087 (0xFFCCC9CF)
YUV	202.5810, 2.1786, 1.2445
Hunter-Lab	76.8867, -2.1023, 1.8192

Details

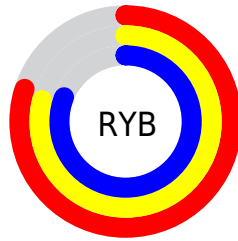
The RYB color **204, 201, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 207, 204**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 147, 153** is the 20% darker color. If you saturate the color by 10%, you get **194, 180, 207**, and if you desaturate by 10%, it is **207, 222, 215**.

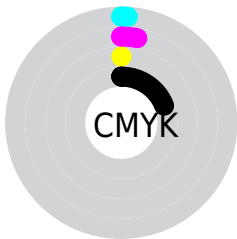
Distribution



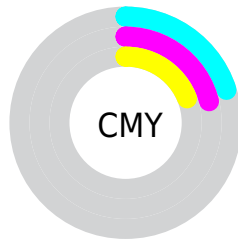
- Red (80%)
- Green (79%)
- Blue (81%)



- Red (80%)
- Yellow (79%)
- Blue (81%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 201, 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, 201, 207 by changing the saturation by 10% instead.

■ 204, 201, 207

255, 255, 255

■ 204, 201, 207

■ 177, 174, 179

■ 150, 147, 153

■ 124, 121, 127

■ 99, 97, 102

■ 75, 73, 78

■ 53, 50, 55


■ 32, 29, 34

■ 8, 4, 11

■ 0, 0, 0

 204, 201, 207

 204, 201, 207

 194, 180, 207


 207, 222, 215

 183, 160, 207

 207, 242, 224

 173, 139, 207


 207, 255, 227

 163, 118, 207


 207, 255, 217


 152, 98, 207

 207, 255, 207

 142, 77, 207

 132, 56, 207

 121, 35, 207

 111, 15, 207

Harmonies

Analogous

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



200, 202, 208



204, 201, 207



207, 200, 204

Triad

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



204, 201, 207



207, 205, 196



195, 200, 204

Complementary

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



204, 201, 207



201, 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.



197, 202, 204



204, 201, 207



199, 204, 196

Square

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



204, 201, 207



209, 200, 198



197, 203, 200



195, 200, 206

Rectangle

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



204, 201, 207



209, 200, 202



197, 203, 200



195, 200, 204

Sweetspot

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



204, 201, 207



254, 252, 255



201, 203, 207



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 201, 207



251, 247, 255



207, 201, 207



102, 100, 105



84, 0, 168



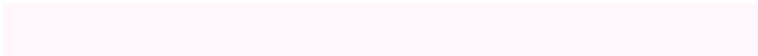
20, 0, 41

Inverse Universe

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



207, 201, 204



255, 247, 251



201, 207, 207



105, 100, 102



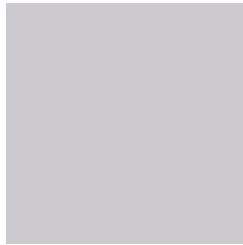
168, 0, 84



41, 0, 20

Previews

White Background



This preview shows how the RYB color 204, 201, 207 looks on a white background.

Color Contrast Check

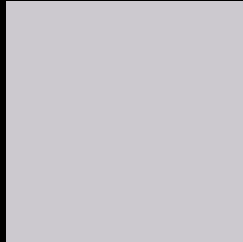
Large Text (above 18pt) WCAG AA × Fail

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, 201, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

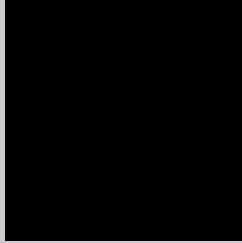
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

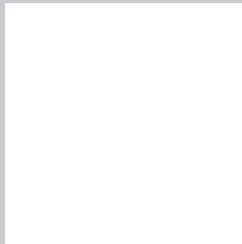
Any Text WCAG AAA ✓ Pass

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

RYB 204, 201, 207 Background



This preview shows how black text looks on a background with the RYB color 204, 201, 207.

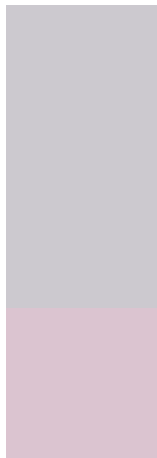


This preview shows how white text looks on a background with the RYB color 204, 201, 207.

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, 201, 207](#)

Protanopia
[204, 201, 207](#)

Deuteranopia
[219, 196, 208](#)



Tritanopia
205, 200, 215

Trichromacy



Original Color

204, 201, 207

Protanomaly

204, 201, 207

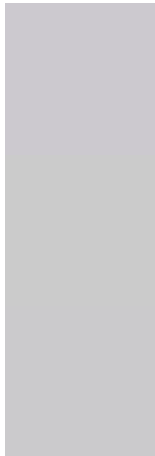
Deuteranomaly

214, 198, 208

Tritanomaly

205, 200, 212

Monochromacy



Original Color

204, 201, 207

Achromatopsia

203, 203, 203

Achromatomaly

203, 202, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 201, 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, 201, 207) looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 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, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 207) }
```

Border

The CSS property to change the border of an element to RYB 204, 201, 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, 201, 207) }
```

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

```
.border{ border-color:rgb(204, 201, 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, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 204, 201, 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, 201, 207) }
```

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

```
.background{ background-color: rgb(204,  
201, 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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