

Converting Colors

`RYB(204, 201, 201)`

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

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Color

$\text{RYB}(204, 201, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	CCC9C9
RGB	204, 201, 201
RGB Percent	80%, 79%, 79%
CMY	0.2000, 0.2118, 0.2118
CMYK	0.00, 0.01, 0.01, 0.20
HSL	0°, 3%, 79%
HSV	0°, 1%, 80%
XYZ	56.3311, 58.8277, 63.6443
YIQ	201.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

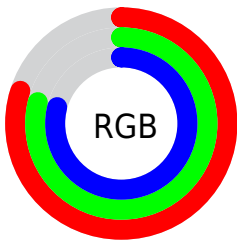
Format	Color
RYB	204, 201, 201
Decimal	13421001
CIELab	81.20, 1.04, 0.36
CIElCh	81, 1.099, 18.985
Yxy	58.8277, 0.3150, 0.3290
Android (android.graphics.Color)	4291611081 (0xFFCCC9C9)
YUV	201.8970, -0.4422, 1.8443
Hunter-Lab	76.6992, -3.1258, 4.4912

Details

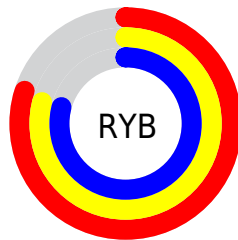
The RYB color **204, 201, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 203, 204**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 147, 147** is the 20% darker color. If you saturate the color by 10%, you get **204, 181, 181**, and if you desaturate by 10%, it is **204, 213, 221**.

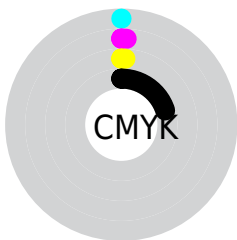
Distribution



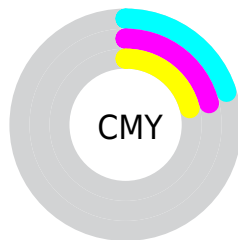
- Red (80%)
- Green (79%)
- Blue (79%)



- 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 RYB color 204, 201, 201 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, 201 by changing the saturation by 10% instead.

■ 204, 201, 201

255, 255, 255

■ 204, 201, 201

■ 177, 174, 174

■ 150, 147, 147

■ 124, 121, 121

■ 99, 97, 97

■ 75, 73, 73

■ 53, 50, 50

■ 32, 29, 29

■ 7, 4, 4

■ 0, 0, 0

 204, 201, 201

 204, 201, 201

 204, 181, 181

 204, 213, 221

 204, 160, 160

 204, 223, 242

 204, 140, 140

 204, 230, 255

 204, 119, 119

 204, 99, 99

 204, 79, 79

 204, 58, 58

 204, 38, 38

 204, 17, 17

Harmonies

Analogous

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



204, 201, 202



204, 201, 201



204, 201, 200

Triad

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



204, 201, 201



200, 202, 201



200, 201, 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, 201



201, 203, 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.



199, 201, 203



204, 201, 201



200, 201, 202

Square

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



204, 201, 201



200, 202, 200



199, 201, 202



201, 202, 204

Rectangle

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



204, 201, 201



203, 202, 200



199, 201, 202



200, 201, 204

Sweetspot

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



204, 201, 201

255, 255, 255



204, 201, 204



128, 128, 128



0, 0, 0

Same Dimension

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



204, 201, 201



255, 250, 250



203, 204, 201



102, 100, 100



166, 0, 0



38, 0, 0

Inverse Universe

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



201, 203, 204



250, 253, 255



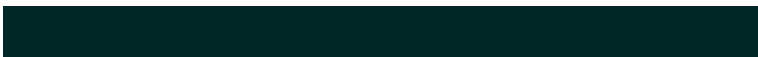
201, 202, 204



100, 101, 102



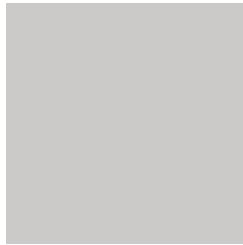
0, 83, 166



0, 19, 38

Previews

White Background



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

Color Contrast Check

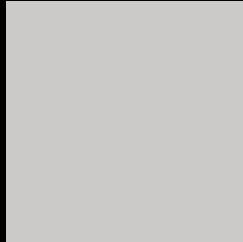
Large Text (above 18pt) WCAG AA × Fail

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, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

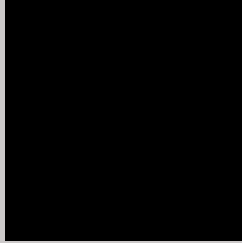
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

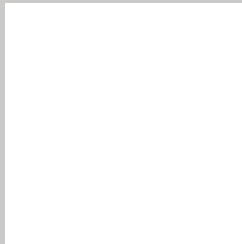
Any Text WCAG AAA ✓ Pass

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

R Y B 204, 201, 201 Background



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




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

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, 201
	Protanopia 205, 201, 201
	Deuteranopia 221, 195, 202



Tritanopia
206, 199, 215

Trichromacy



Original Color

204, 201, 201

Protanomaly

205, 201, 201

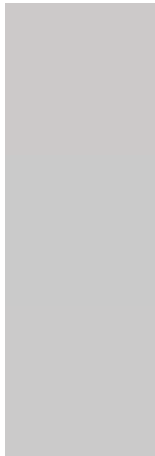
Deuteranomaly

215, 197, 202

Tritanomaly

205, 200, 210

Monochromacy



Original Color

204, 201, 201

Achromatopsia

202, 202, 202

Achromatomaly

203, 202, 202

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(204, 201, 201)  
}
```

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, 201) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(204, 201, 201) }
```

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, 201)` colored shadow looks like.

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

Background

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

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

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

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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