

Converting Colors

`RYB(205, 201, 201)`

Have a look what the booklet for
RYB(205, 201, 201) contains.

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Color

$\text{RYB}(205, 201, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	CDC9C9
RGB	205, 201, 201
RGB Percent	80%, 79%, 79%
CMY	0.1961, 0.2118, 0.2118
CMYK	0.00, 0.02, 0.02, 0.20
HSL	0°, 4%, 80%
HSV	0°, 2%, 80%
XYZ	56.6061, 58.9695, 63.6571
YIQ	202.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

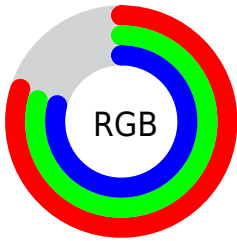
Format	Color
R_{YB}	205, 201, 201
Decimal	13486537
CIE Lab	81.27, 1.39, 0.48
CIE LCh	81, 1.466, 19.140
Yxy	58.9695, 0.3158, 0.3290
Android (android.graphics.Color)	4291676617 (0xFFCDC9C9)
YUV	202.1960, -0.5896, 2.4591
Hunter-Lab	76.7916, -2.8059, 4.6051

Details

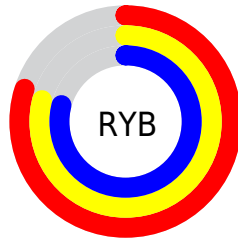
The RYB color **205, 201, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 203, 205**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is 255, 255, 255, and **151, 147, 147** is the 20% darker color. If you saturate the color by 10%, you get **205, 180, 180**, and if you desaturate by 10%, it is **205, 213, 221**.

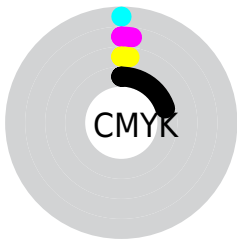
Distribution



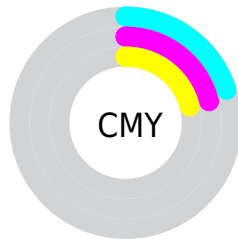
- Red (80%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 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 205, 201, 201 by changing the saturation by 10% instead.

■ 205, 201, 201

255, 255, 255

■ 205, 201, 201

■ 178, 174, 174

■ 151, 147, 147

■ 125, 121, 121

■ 100, 97, 97

■ 76, 73, 73

■ 54, 50, 50


■ 32, 29, 29

■ 9, 4, 4

■ 0, 0, 0

 205, 201, 201

 205, 201, 201

 205, 180, 180

 205, 213, 221


 205, 160, 160

 205, 224, 242

 205, 139, 139


 205, 230, 255


 205, 119, 119

 205, 98, 98

 205, 78, 78

 205, 58, 58

 205, 37, 37

 205, 16, 16

Harmonies

Analogous

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



204, 201, 202



205, 201, 201



205, 201, 200

Triad

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



205, 201, 201



200, 202, 202



200, 201, 205

Complementary

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



205, 201, 201



201, 203, 205

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, 204



205, 201, 201



199, 202, 203

Square

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



205, 201, 201



199, 202, 199



199, 201, 203



202, 202, 204

Rectangle

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



205, 201, 201



204, 202, 199



199, 201, 203



200, 201, 204

Sweetspot

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



205, 201, 201



255, 252, 252



205, 201, 205



128, 126, 126



0, 0, 0



128, 128, 128

Same Dimension

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



205, 201, 201



255, 250, 250



205, 205, 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, 205



250, 253, 255



201, 202, 205



100, 101, 102



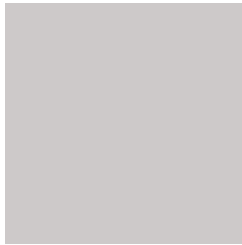
0, 83, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 205, 201, 201 looks on a white background.

Color Contrast Check

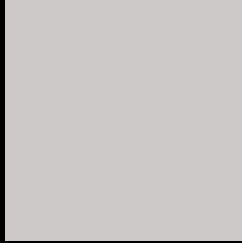
Large Text (above 18pt) WCAG AA × Fail

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 205, 201, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

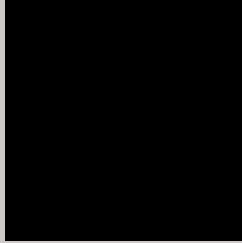
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

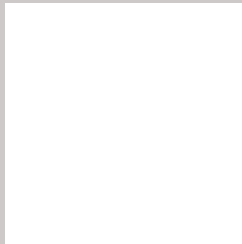
Any Text WCAG AAA ✓ Pass

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

RYB 205, 201, 201 Background



This preview shows how black text looks on a background with the RYB color 205, 201, 201.

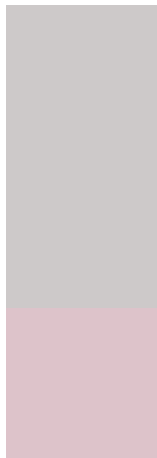


This preview shows how white text looks on a background with the RYB color 205, 201, 201.

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
205, 201, 201

Protanopia
205, 201, 201

Deuteranopia
221, 195, 202



Tritanopia
207, 199, 215

Trichromacy



Original Color

205, 201, 201

Protanomaly

205, 201, 201

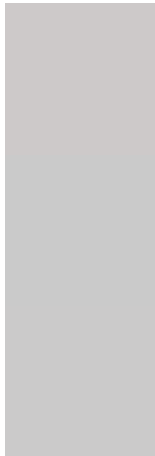
Deuteranomaly

215, 197, 202

Tritanomaly

206, 200, 210

Monochromacy



Original Color

205, 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 205, 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(205, 201, 201) looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 201) }
```

Border

The CSS property to change the border of an element to RYB 205, 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(205, 201, 201) }
```

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

```
.border{ border-color:rgb(205, 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(205, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 201, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 201, 201); box-shadow:4px 4px 4px 4px rgb(205, 201, 201) }
```

Background

The CSS property to change the background color of an element to RGB 205, 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(205, 201, 201) }
```

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

```
.background{ background-color: rgb(205,  
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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