

# Converting Colors

`RYB(209, 197, 205)`

Have a look what the booklet for  
RYB(209, 197, 205) contains.

<b>RYB(209, 197, 205)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**R<sub>Y</sub>B(209, 197, 205)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1C5CD
RGB	209, 197, 205
RGB Percent	82%, 77%, 80%
CMY	0.1804, 0.2275, 0.1961
CMYK	0.00, 0.06, 0.02, 0.18
HSL	320°, 12%, 80%
HSV	320°, 6%, 82%
XYZ	57.2802, 57.8956, 65.9136
YIQ	201.5000, 4.5840, 5.0320

# Conversions

## Conversions Part 2

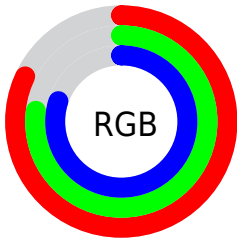
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 197, 205
Decimal	13747661
CIE <sub>Lab</sub>	80.68, 5.61, -2.50
CIE <sub>LCh</sub>	81, 6.140, 336.007
Yxy	57.8956, 0.3163, 0.3197
Android (android.graphics.Color)	4291937741 (0xFFD1C5CD)
YUV	201.5000, 1.7255, 6.5775
Hunter-Lab	76.0892, 1.2194, 1.9014

# Details

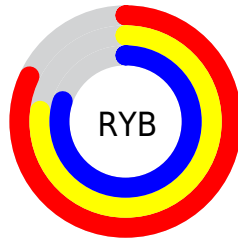
The RYB color **209, 197, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 206, 209**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 254, 255**, and **155, 143, 151** is the 20% darker color. If you saturate the color by 10%, you get **209, 176, 198**, and if you desaturate by 10%, it is **209, 216, 218**.

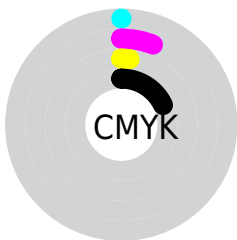
# Distribution



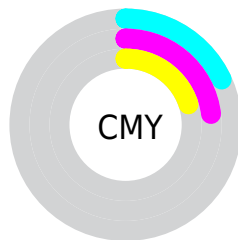
- Red (82%)
- Green (77%)
- Blue (80%)



- Red (82%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 209, 197, 205 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 209, 197, 205 by changing the saturation by 10% instead.



 209, 197, 205

 209, 197, 205

255, 255, 255

 181, 170, 178

255, 254, 255

 155, 143, 151

 129, 118, 125

 103, 93, 100

 79, 69, 76

 57, 47, 54


 35, 26, 32

 14, 0, 9

 0, 0, 0

 209, 197, 205

 209, 197, 205

 209, 176, 198

 209, 216, 218

 209, 155, 191


 209, 232, 239

 209, 134, 184

 209, 243, 255

 209, 113, 177


 209, 239, 255

 209, 93, 170

 209, 236, 255

 209, 72, 163

 209, 234, 255

 209, 51, 156

 209, 232, 255

 209, 30, 149

 209, 232, 255

 209, 9, 142

# Harmonies

## Analogous

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



203, 198, 209



209, 197, 205



213, 196, 199

# Triad

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



209, 197, 205



194, 204, 189



187, 196, 207

# Complementary

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



209, 197, 205



197, 206, 209

# 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.



187, 196, 204



209, 197, 205



191, 202, 196

# Square

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



209, 197, 205



210, 203, 190



191, 200, 203



190, 198, 210

# Rectangle

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



209, 197, 205



213, 197, 195



191, 200, 203



186, 195, 205



# Sweetspot

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



209, 197, 205



255, 250, 253



201, 197, 209



128, 125, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



209, 197, 205



255, 237, 249



209, 197, 199



105, 96, 102



168, 0, 112



41, 0, 27



# Inverse Universe

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



209, 197, 205



255, 237, 249



197, 204, 209



105, 96, 102



168, 0, 112

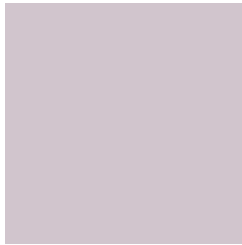


41, 0, 27



# Previews

## White Background



This preview shows how the RYB color 209, 197, 205 looks on a white background.

## Color Contrast Check

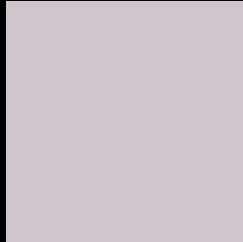
Large Text (above 18pt) WCAG AA × Fail

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 209, 197, 205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

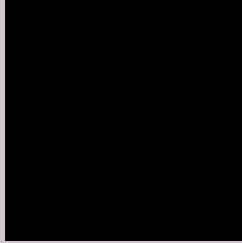
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

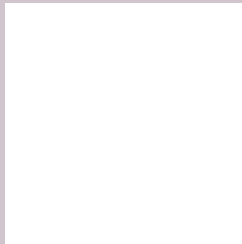
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 209, 197, 205 Background



This preview shows how black text looks on a background with the RYB color 209, 197, 205.




This preview shows how white text looks on a background with the RYB color 209, 197, 205.

# 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

	<b>Original Color</b> <a href="#">209, 197, 205</a>
	<b>Protanopia</b> <a href="#">202, 199, 206</a>
	<b>Deuteranopia</b> <a href="#">217, 194, 206</a>



**Tritanopia**  
210, 196, 211

# Trichromacy



## Original Color

209, 197, 205

## Protanomaly

205, 198, 206

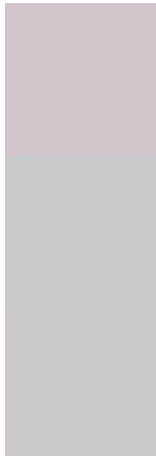
## Deuteranomaly

214, 195, 206

## Tritanomaly

210, 196, 209

# Monochromacy



## Original Color

209, 197, 205

## Achromatopsia

202, 202, 202

## Achromatomaly

205, 200, 203

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 209, 197, 205 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(209, 197, 205) looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 205)  
}
```

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(209, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 205) }
```

## Border

The CSS property to change the border of an element to RYB 209, 197, 205 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(209, 197, 205) }
```

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

```
.border{ border-color:rgb(209, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
205) }
```

# Background

The CSS property to change the background color of an element to RGB 209, 197, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 205) }
```

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

```
.background{ background-color: rgb(209,  
197, 205) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor