

Converting Colors

`RYB(209, 195, 208)`

Have a look what the booklet for
RYB(209, 195, 208) contains.

RYB(209, 195, 208)	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(209, 195, 208)

Conversions

Conversions Part 1

Format	Color
Hex	D1C3D0
RGB	209, 195, 208
RGB Percent	82%, 76%, 82%
CMY	0.1804, 0.2353, 0.1843
CMYK	0.00, 0.07, 0.00, 0.18
HSL	304°, 13%, 79%
HSV	304°, 7%, 82%
XYZ	57.1948, 57.1396, 67.6891
YIQ	200.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

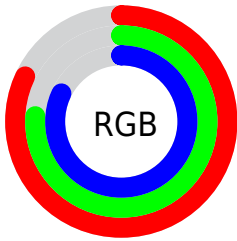
Format	Color
R _{YB}	209, 195, 208
Decimal	13747152
CIE Lab	80.26, 7.22, -4.73
CIE LCh	80, 8.633, 326.769
Yxy	57.1396, 0.3142, 0.3139
Android (android.graphics.Color)	4291937232 (0xFFD1C3D0)
YUV	200.6680, 3.6147, 7.3072
Hunter-Lab	75.5907, 2.7760, -0.1788

Details

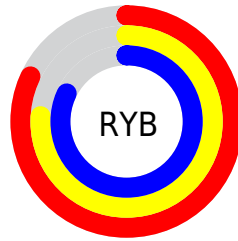
The RYB color **209, 195, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 208, 209**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 255, 252, 255, and **155, 141, 154** is the 20% darker color. If you saturate the color by 10%, you get **209, 174, 207**, and if you desaturate by 10%, it is **209, 216, 216**.

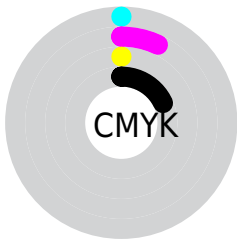
Distribution



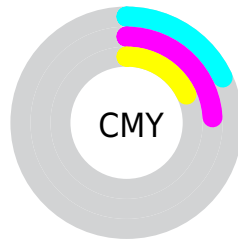
- Red (82%)
- Green (76%)
- Blue (82%)



- Red (82%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 195, 208 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, 195, 208 by changing the saturation by 10% instead.

 209, 195, 208

255, 255, 255


 255, 252, 255

 209, 195, 208

 181, 168, 180

 155, 141, 154

 129, 116, 128

 103, 91, 103

 79, 68, 79

 56, 46, 56

 35, 25, 34

 14, 0, 13

 0, 0, 0

 209, 195, 208

 209, 195, 208

 209, 174, 207

 209, 216, 216

 209, 153, 205

 209, 235, 237

 209, 132, 204

 209, 252, 255

 209, 111, 202

 209, 250, 255

 209, 90, 201

 209, 250, 255

 209, 70, 199

 209, 248, 255

 209, 49, 198

 209, 247, 255

 209, 28, 196

 209, 246, 255

 209, 7, 195

 209, 245, 255

Harmonies

Analogous

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



200, 197, 213



209, 195, 208



215, 194, 200

Triad

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



209, 195, 208



197, 207, 183



179, 192, 206

Complementary

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



209, 195, 208



195, 208, 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.



182, 195, 204



209, 195, 208



185, 201, 188

Square

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



209, 195, 208



214, 202, 186



189, 202, 203



182, 194, 212

Rectangle

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



209, 195, 208



217, 194, 195



189, 202, 203



180, 192, 204

Sweetspot

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



209, 195, 208



255, 250, 255



196, 195, 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, 195, 208



255, 235, 254



209, 195, 201



105, 94, 104



168, 0, 156



41, 0, 38

Inverse Universe

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



209, 195, 208



255, 235, 254



195, 204, 209



105, 94, 104



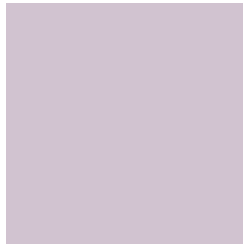
168, 0, 156



41, 0, 38

Previews

White Background



This preview shows how the RYB color 209, 195, 208 looks on a white background.

Color Contrast Check

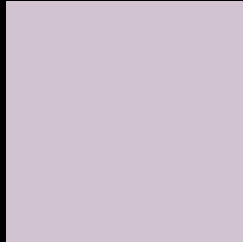
Large Text (above 18pt) WCAG AA × Fail

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, 195, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

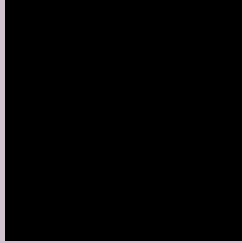
Any Text WCAG AA ✓ Pass

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, 195, 208 Background



This preview shows how black text looks on a background with the RYB color 209, 195, 208.



This preview shows how white text looks on a background with the RYB color 209, 195, 208.

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
[209, 195, 208](#)

Protanopia
[200, 198, 210](#)

Deuteranopia
[214, 193, 208](#)



Tritanopia
209, 195, 210

Trichromacy



Original Color

209, 195, 208

Protanomaly

203, 197, 209

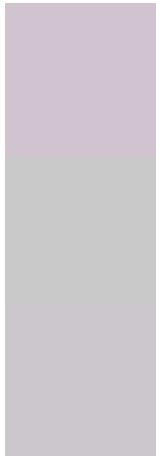
Deuteranomaly

212, 194, 208

Tritanomaly

209, 195, 209

Monochromacy



Original Color

209, 195, 208

Achromatopsia

201, 201, 201

Achromatomaly

204, 199, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 195, 208 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, 195, 208) looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 208)  
}
```

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, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 208) }
```

Border

The CSS property to change the border of an element to RYB 209, 195, 208 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, 195, 208) }
```

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

```
.border{ border-color:rgb(209, 195, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 209, 195, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 195, 208) }
```

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

```
.background{ background-color: rgb(209,  
195, 208) }
```

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