

Converting Colors

`RYB(209, 197, 216)`

Have a look what the booklet for RYB(209, 197, 216) contains.

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Color

R_YB(209, 197, 216)

Conversions

Conversions Part 1

Format	Color
Hex	D1C5D8
RGB	209, 197, 216
RGB Percent	82%, 77%, 85%
CMY	0.1804, 0.2275, 0.1529
CMYK	0.03, 0.09, 0.00, 0.15
HSL	278°, 20%, 81%
HSV	278°, 9%, 85%
XYZ	58.6554, 58.4457, 73.1554
YIQ	202.7540, 1.0530, 8.4530

Conversions

Conversions Part 2

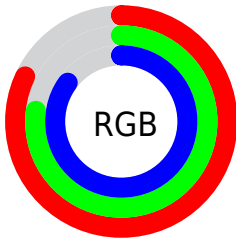
Format	Color
R_{YB}	209, 197, 216
Decimal	13747672
CIE Lab	80.99, 7.65, -7.95
CIE LCh	81, 11.033, 313.878
Yxy	58.4457, 0.3083, 0.3072
Android (android.graphics.Color)	4291937752 (0xFFD1C5D8)
YUV	202.7540, 6.5303, 5.4777
Hunter-Lab	76.4498, 3.1654, -3.2202

Details

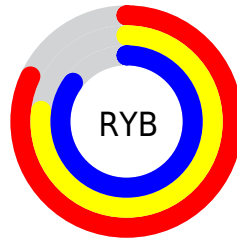
The RYB color **209, 197, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 216, 209**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 254, 255**, and **155, 143, 161** is the 20% darker color. If you saturate the color by 10%, you get **201, 175, 216**, and if you desaturate by 10%, it is **216, 219, 218**.

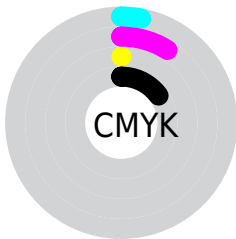
Distribution



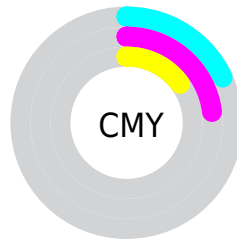
- Red (82%)
- Green (77%)
- Blue (85%)



- Red (82%)
- Yellow (77%)
- Blue (85%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 197, 216 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, 216 by changing the saturation by 10% instead.

 209, 197, 216

 209, 197, 216

255, 255, 255

 181, 170, 188

255, 254, 255

 155, 143, 161

 129, 118, 135

 103, 93, 110

 79, 69, 85

 56, 47, 62


 35, 26, 40

 14, 0, 20

 0, 0, 0

 209, 197, 216


 209, 197, 216

 201, 175, 216


 216, 219, 218

 193, 154, 216

 216, 240, 231

 185, 132, 216


 216, 255, 238

 177, 111, 216


 216, 255, 230


 169, 89, 216

 216, 255, 222

 161, 67, 216

 216, 255, 216

 153, 46, 216

 145, 24, 216

 137, 3, 216

Harmonies

Analogous

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



196, 199, 221



209, 197, 216



219, 195, 207

Triad

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



209, 197, 216



215, 213, 182



176, 192, 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, 216



197, 216, 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, 198, 207



209, 197, 216



184, 205, 181

Square

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



209, 197, 216



222, 199, 187



186, 205, 198



177, 193, 215

Rectangle

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



209, 197, 216



223, 194, 200



186, 205, 198



177, 193, 207

Sweetspot

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



209, 197, 216



252, 247, 255



197, 202, 216



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 197, 216



245, 227, 255



216, 197, 214



103, 96, 107



108, 0, 171



27, 0, 43

Inverse Universe

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



216, 197, 204



255, 227, 237



197, 214, 216



107, 96, 100



171, 0, 63



43, 0, 16

Previews

White Background



This preview shows how the RYB color 209, 197, 216 looks on a white background.

Color Contrast Check

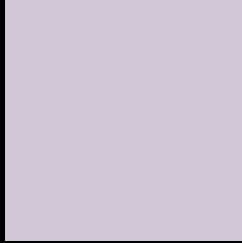
Large Text (above 18pt) WCAG AA × Fail

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, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

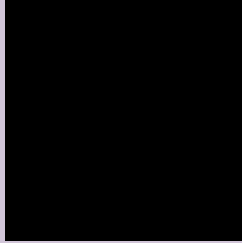
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

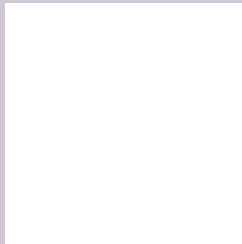
Any Text WCAG AAA ✓ Pass

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

RYP 209, 197, 216 Background



This preview shows how black text looks on a background with the RYB color 209, 197, 216.



This preview shows how white text looks on a background with the RYB color 209, 197, 216.

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, 197, 216

Protanopia
200, 200, 218

Deuteranopia
214, 195, 216



Tritanopia
209, 197, 213

Trichromacy



Original Color

209, 197, 216

Protanomaly

203, 199, 217

Deuteranomaly

212, 196, 216

Tritanomaly

209, 197, 214

Monochromacy



Original Color

209, 197, 216

Achromatopsia

203, 203, 203

Achromatomaly

205, 201, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 197, 216 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 216) }
```

Border

The CSS property to change the border of an element to RYB 209, 197, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

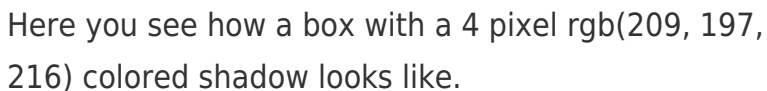
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 197, 216) }
```

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

```
.border{ border-color:rgb(209, 197, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 216);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 209, 197, 216 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, 216) }
```

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

```
.background{ background-color: rgb(209,  
197, 216) }
```

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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