

Converting Colors

`RYB(217, 192, 207)`

Have a look what the booklet for RYB(217, 192, 207) contains.

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Color

R_YB(217, 192, 207)

Conversions

Conversions Part 1

Format	Color
Hex	D9C0CF
RGB	217, 192, 207
RGB Percent	85%, 75%, 81%
CMY	0.1490, 0.2471, 0.1882
CMYK	0.00, 0.12, 0.05, 0.15
HSL	324°, 25%, 80%
HSV	324°, 12%, 85%
XYZ	58.7274, 56.9560, 66.9298
YIQ	201.1850, 10.0850, 9.9650

Conversions

Conversions Part 2

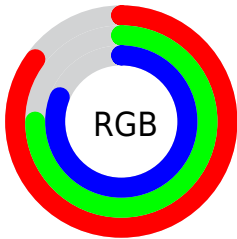
Format	Color
R _Y B	217, 192, 207
Decimal	14270671
CIE Lab	80.15, 11.40, -4.27
CIE LCh	80, 12.176, 339.479
Yxy	56.9560, 0.3216, 0.3119
Android (android.graphics.Color)	4292460751 (0xFFD9C0CF)
YUV	201.1850, 2.8668, 13.8698
Hunter-Lab	75.4692, 6.8312, 0.2471

Details

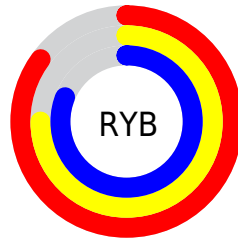
The RYB color **217, 192, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 210, 217**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 248, 255**, and **162, 138, 153** is the 20% darker color. If you saturate the color by 10%, you get **217, 170, 198**, and if you desaturate by 10%, it is **217, 214, 216**.

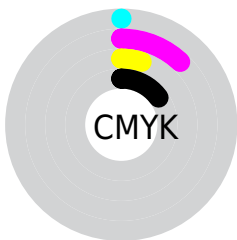
Distribution



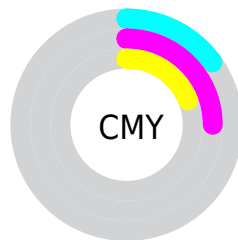
- Red (85%)
- Green (75%)
- Blue (81%)



- Red (85%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 192, 207 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 217, 192, 207 by changing the saturation by 10% instead.


 217, 192, 207

255, 255, 255

 255, 248, 255

 217, 192, 207


 189, 165, 179

 162, 138, 153


 136, 113, 127

 110, 88, 102


 86, 65, 78


 62, 43, 55


 40, 22, 34

 21, 0, 11

 0, 0, 0

 217, 192, 207


 217, 192, 207

 217, 170, 198


 217, 214, 216

 217, 149, 190

 217, 230, 235

 217, 127, 181

 217, 244, 255

 217, 105, 172

 217, 240, 255

 217, 84, 164


 217, 237, 255

 217, 62, 155

 217, 236, 255

 217, 40, 146

 217, 18, 138

 217, 0, 130

Harmonies

Analogous

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



206, 195, 216



217, 192, 207



223, 191, 195

Triad

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



217, 192, 207



182, 204, 176



171, 190, 213

Complementary

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



217, 192, 207



192, 210, 217

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.



172, 190, 206



217, 192, 207



181, 203, 193

Square

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



217, 192, 207



216, 209, 178



179, 197, 205



178, 193, 220

Rectangle

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



217, 192, 207



223, 193, 188



179, 197, 205



170, 188, 209

Sweetspot

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



217, 192, 207



255, 247, 252



202, 192, 217



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



217, 192, 207



255, 219, 241



217, 192, 195



110, 99, 105



173, 0, 104



46, 0, 28

Inverse Universe

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



217, 192, 207



255, 219, 241



192, 205, 217



110, 99, 105



173, 0, 104



46, 0, 28

Previews

White Background



This preview shows how the RYB color 217, 192, 207 looks on a white background.

Color Contrast Check

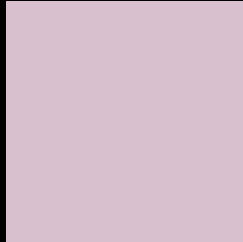
Large Text (above 18pt) WCAG AA × Fail

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 217, 192, 207 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 217, 192, 207 Background



This preview shows how black text looks on a background with the RYB color 217, 192, 207.



This preview shows how white text looks on a background with the RYB color 217, 192, 207.

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
217, 192, 207

Protanopia
199, 198, 210

Deuteranopia
215, 193, 207



Tritanopia
217, 192, 207

Trichromacy



Original Color
217, 192, 207

Protanomaly
206, 196, 209

Deuteranomaly
216, 193, 207

Tritanomaly
217, 192, 207

Monochromacy



Original Color
217, 192, 207

Achromatopsia
201, 201, 201

Achromatomaly
207, 198, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 192, 207 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(217, 192, 207) looks like.

```
.text, #text, p{  
    color:rgb(217, 192, 207)  
}
```

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(217, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 192, 207) }
```

Border

The CSS property to change the border of an element to RYB 217, 192, 207 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(217, 192, 207) }
```

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

```
.border{ border-color:rgb(217, 192, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 192, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 192,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 217, 192, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 192, 207) }
```

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

```
.background{ background-color: rgb(217,  
192, 207) }
```

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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