

Converting Colors

`RYB(217, 207, 221)`

Have a look what the booklet for
RYB(217, 207, 221) contains.

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Color

$\text{RYB}(217, 207, 221)$

Conversions

Conversions Part 1

Format	Color
Hex	D9CFDD
RGB	217, 207, 221
RGB Percent	85%, 81%, 87%
CMY	0.1490, 0.1882, 0.1333
CMYK	0.02, 0.06, 0.00, 0.13
HSL	283°, 17%, 84%
HSV	283°, 6%, 87%
XYZ	63.9792, 64.5978, 77.5032
YIQ	211.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

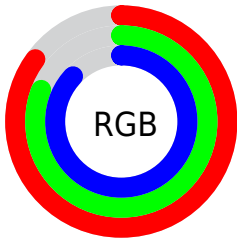
Format	Color
R_{YB}	217, 207, 221
Decimal	14274525
CIE _{Lab}	84.28, 5.97, -5.68
CIE _{LCh}	84, 8.245, 316.425
Yxy	64.5978, 0.3105, 0.3135
Android (android.graphics.Color)	4292464605 (0xFFD9CFDD)
YUV	211.5860, 4.6411, 4.7481
Hunter-Lab	80.3728, 1.4392, -0.9122

Details

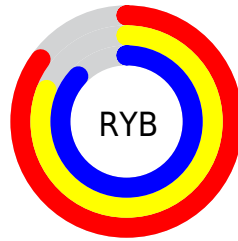
The RYB color **217, 207, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 221, 217**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 153, 166** is the 20% darker color. If you saturate the color by 10%, you get **211, 185, 221**, and if you desaturate by 10%, it is **221, 229, 227**.

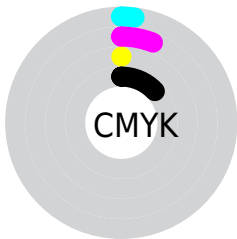
Distribution



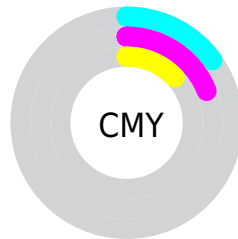
- Red (85%)
- Green (81%)
- Blue (87%)



- Red (85%)
- Yellow (81%)
- Blue (87%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 207, 221 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, 207, 221 by changing the saturation by 10% instead.

■ 217, 207, 221

255, 255, 255

■ 217, 207, 221

■ 189, 179, 193

■ 162, 153, 166

■ 136, 127, 140

■ 111, 102, 114

■ 86, 78, 90

■ 63, 55, 66


■ 41, 34, 44


■ 21, 11, 24


■ 0, 0, 0


 217, 207, 221

 217, 207, 221


 211, 185, 221


 221, 229, 227


 204, 163, 221

 221, 251, 242


 198, 141, 221


 221, 255, 240


 192, 119, 221


 221, 255, 234


 185, 96, 221

 221, 255, 227

 179, 74, 221

 221, 255, 221

 173, 52, 221

 166, 30, 221

 160, 8, 221

Harmonies

Analogous

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



208, 209, 225



217, 207, 221



224, 205, 214

Triad

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



217, 207, 221



221, 221, 195



192, 204, 215

Complementary

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



217, 207, 221



207, 221, 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.



196, 208, 215



217, 207, 221



196, 212, 195

Square

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



217, 207, 221



226, 208, 199



199, 213, 209



193, 205, 221

Rectangle

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



217, 207, 221



227, 205, 209



199, 213, 209



192, 204, 215

Sweetspot

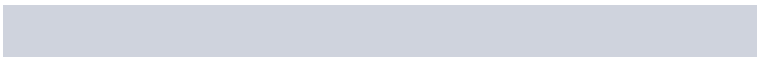
The Sweet Spot groups the original color and five complimentary colors.



217, 207, 221



254, 250, 255



207, 210, 221



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 207, 221



249, 235, 255



221, 207, 218



107, 99, 110



124, 0, 173



33, 0, 46

Inverse Universe

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



221, 207, 211



255, 235, 240



207, 219, 221



110, 99, 102



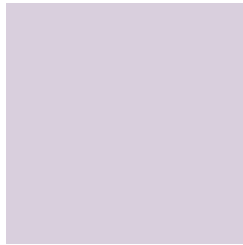
173, 0, 50



46, 0, 13

Previews

White Background



This preview shows how the RYB color 217, 207, 221 looks on a white background.

Color Contrast Check

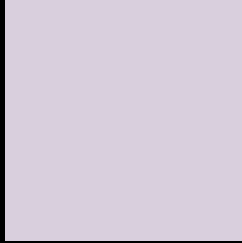
Large Text (above 18pt) WCAG AA × Fail

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, 207, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

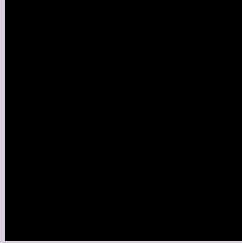
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

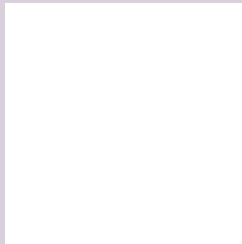
Any Text WCAG AAA ✓ Pass

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

RYB 217, 207, 221 Background



This preview shows how black text looks on a background with the RYB color 217, 207, 221.

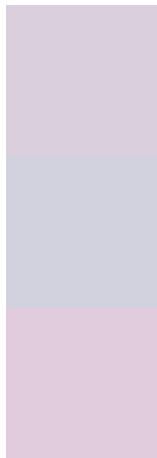


This preview shows how white text looks on a background with the RYB color 217, 207, 221.

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](#), [207](#), [221](#)

Protanopia
[210](#), [209](#), [222](#)

Deuteranopia
[225](#), [204](#), [222](#)



Tritanopia
217, 207, 223

Trichromacy



Original Color

217, 207, 221

Protanomaly

213, 208, 222

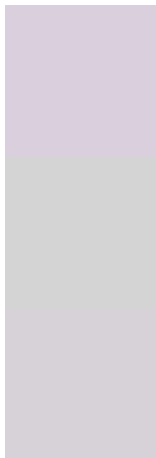
Deuteranomaly

222, 205, 222

Tritanomaly

217, 207, 222

Monochromacy



Original Color

217, 207, 221

Achromatopsia

212, 212, 212

Achromatomaly

214, 210, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 207, 221 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, 207, 221) looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 221)  
}
```

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, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 221) }
```

Border

The CSS property to change the border of an element to RYB 217, 207, 221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

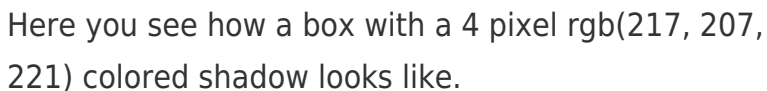
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 207, 221) }
```

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

```
.border{ border-color:rgb(217, 207, 221) }
```

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



Here you see how a box with a 4 pixel rgb(217, 207, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 207,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 217, 207, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 221) }
```

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

```
.background{ background-color: rgb(217,  
207, 221) }
```

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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