

Converting Colors

RGB(217, 174, 216)

Have a look what the booklet for
RGB(217, 174, 216) contains.

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Color

RGB(217, 174, 216)

Conversions

Conversions Part 1

Format	Color
Hex	D9AED8
RGB	217, 174, 216
RGB Percent	85%, 68%, 85%
CMY	0.1490, 0.3176, 0.1529
CMYK	0.00, 0.20, 0.00, 0.15
HSL	301°, 36%, 77%
HSV	301°, 20%, 85%
XYZ	56.1460, 49.9817, 71.6540
YIQ	191.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

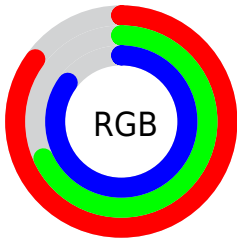
Format	Color
R_{YB}	217, 174, 216
Decimal	14266072
CIE _{Lab}	76.06, 22.73, -15.24
CIE _{LCh}	76, 27.366, 326.154
Yxy	49.9817, 0.3158, 0.2811
Android (android.graphics.Color)	4292456152 (0xFFD9AED8)
YUV	191.6450, 12.0070, 22.2363
Hunter-Lab	70.6977, 18.0383, -10.6035

Details

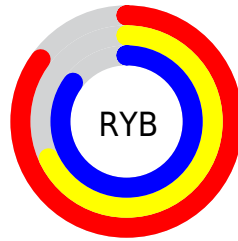
The RGB color **217, 174, 216** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174, 217, 175**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 230, 255**, and **162, 121, 161** is the 20% darker color. If you saturate the color by 10%, you get **217, 152, 215**, and if you desaturate by 10%, it is **217, 196, 217**.

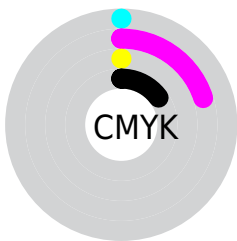
Distribution



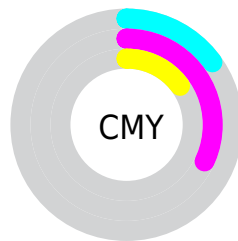
- Red (85%)
- Green (68%)
- Blue (85%)



- Red (85%)
- Yellow (68%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 174, 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 RGB color 217, 174, 216 by changing the saturation by 10% instead.


 217, 174, 216

 217, 174, 216

255, 255, 255

 189, 147, 188


 255, 230, 255

 162, 121, 161

 135, 96, 135

 109, 72, 110

 85, 49, 85

 61, 27, 62

 38, 5, 40

 5, 0, 19

 0, 0, 0

■ 217, 174, 216

■ 217, 174, 216

■ 217, 152, 215

■ 217, 196, 217

■ 217, 131, 215

■ 217, 217, 217

■ 217, 109, 214

■ 217, 239, 218

■ 217, 87, 214

■ 217, 255, 218

■ 217, 66, 213

■ 217, 255, 219

■ 217, 44, 213

■ 217, 255, 219

■ 217, 22, 212

■ 217, 255, 220

■ 217, 0, 212

■ 217, 255, 220

■ 217, 0, 212

■ 217, 255, 221

Harmonies

Analogous

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



187, 182, 233



217, 174, 216



235, 169, 192

Triad

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



217, 174, 216



209, 185, 137



113, 201, 209

Complementary

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



217, 174, 216



174, 217, 175

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.



127, 202, 183



217, 174, 216



183, 193, 142

Square

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



217, 174, 216



229, 176, 146



154, 199, 159



122, 198, 229

Rectangle

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



217, 174, 216



239, 169, 175



154, 199, 159



115, 202, 201

Sweetspot

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



217, 174, 216



255, 240, 255



175, 174, 217



128, 119, 127



0, 0, 0



128, 128, 128

Same Dimension

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



217, 174, 216



255, 194, 254



217, 174, 195



110, 99, 109



173, 0, 169



46, 0, 45

Inverse Universe

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



217, 174, 216



255, 194, 254



174, 217, 196



110, 99, 109



173, 0, 169



46, 0, 45

Previews

White Background



This preview shows how the RGB color 217, 174, 216 looks on a white background.

Color Contrast Check

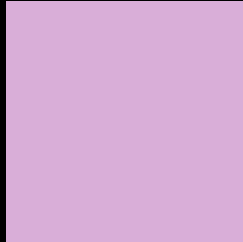
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 217, 174, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

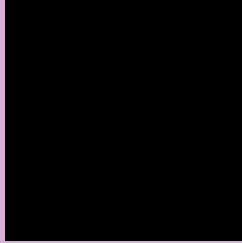
Any Text WCAG AA ✓ Pass

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](#).

RGB 217, 174, 216 Background



This preview shows how black text looks on a background with the RGB color 217, 174, 216.

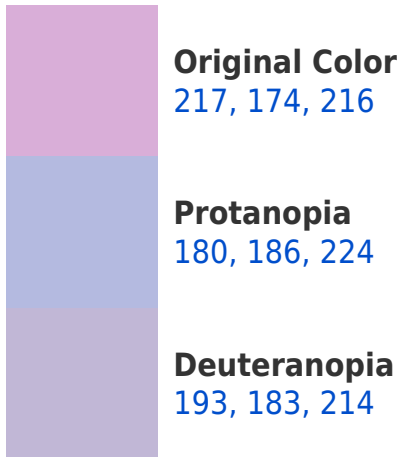


This preview shows how white text looks on a background with the RGB color 217, 174, 216.

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





Tritanopia
214, 178, 192

Trichromacy



Original Color
217, 174, 216

Protanomaly
193, 182, 221

Deuteranomaly
202, 180, 215

Tritanomaly
215, 177, 201

Monochromacy



Original Color
217, 174, 216

Achromatopsia
192, 192, 192

Achromatomaly
201, 185, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 174, 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(217, 174, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 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(217, 174, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 216) }
```

Border

The CSS property to change the border of an element to RGB 217, 174, 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(217, 174, 216) }
```

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

```
.border{ border-color:rgb(217, 174, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 217, 174, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 216) }
```

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

```
.background{ background-color: rgb(217,  
174, 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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