

Converting Colors

RGB(217, 174, 196)

Have a look what the booklet for
RGB(217, 174, 196) contains.

RGB(217, 174, 196)	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

RGB(217, 174, 196)

Conversions

Conversions Part 1

Format	Color
Hex	D9AEC4
RGB	217, 174, 196
RGB Percent	85%, 68%, 77%
CMY	0.1490, 0.3176, 0.2314
CMYK	0.00, 0.20, 0.10, 0.15
HSL	329°, 36%, 77%
HSV	329°, 20%, 85%
XYZ	53.7151, 49.0093, 58.8532
YIQ	189.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

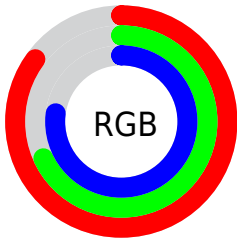
Format	Color
R _Y B	217, 174, 196
Decimal	14266052
CIE Lab	75.46, 19.17, -5.23
CIE LCh	75, 19.876, 344.737
Yxy	49.0093, 0.3324, 0.3033
Android (android.graphics.Color)	4292456132 (0xFFD9AEC4)
YUV	189.3650, 3.2711, 24.2359
Hunter-Lab	70.0067, 14.4489, -0.8392

Details

The RGB color **217, 174, 196** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **174, 217, 195**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 230, 253**, and **162, 121, 142** is the 20% darker color. If you saturate the color by 10%, you get **217, 152, 185**, and if you desaturate by 10%, it is **217, 196, 207**.

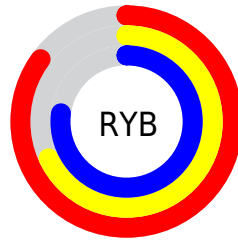
Distribution



Red (85%)

Green (68%)

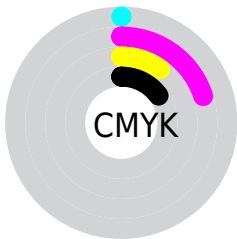
Blue (77%)



Red (85%)

Yellow (68%)

Blue (77%)

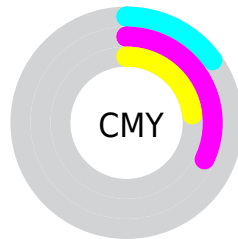


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (15%)



Cyan (15%)


Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the RGB color 217, 174, 196 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, 196 by changing the saturation by 10% instead.


 217, 174, 196

255, 255, 255

 255, 230, 253

 217, 174, 196


 189, 147, 169

 162, 121, 142

 135, 96, 117


 109, 72, 92


 85, 49, 69

 61, 28, 46


 39, 5, 26


 0, 0, 0

 217, 174, 196


 217, 174, 196

 217, 152, 185

 217, 196, 207

 217, 131, 175

 217, 217, 217

 217, 109, 164

 217, 239, 228

 217, 87, 154

 217, 255, 238

 217, 66, 143


 217, 255, 249

 217, 44, 132

 217, 255, 255

 217, 22, 122

 217, 0, 111

 217, 0, 111

Harmonies

Analogous

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



200, 178, 212



217, 174, 196



224, 173, 177

Triad

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



217, 174, 196



191, 188, 150



139, 195, 211

Complementary

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



217, 174, 196



174, 217, 195

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.



138, 197, 194



217, 174, 196



170, 193, 159

Square

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



217, 174, 196



209, 181, 151



150, 196, 176



154, 190, 221

Rectangle

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



217, 174, 196



223, 175, 166



150, 196, 176



137, 196, 206

Sweetspot

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



217, 174, 196



255, 240, 248



195, 174, 217



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

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



217, 174, 196



255, 194, 225



217, 174, 175



110, 99, 104



173, 0, 89



46, 0, 23

Inverse Universe

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



217, 174, 196



255, 194, 225



174, 217, 216



110, 99, 104



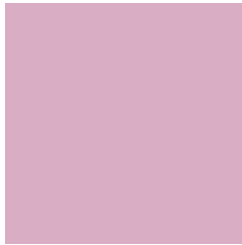
173, 0, 89



46, 0, 23

Previews

White Background



This preview shows how the RGB color 217, 174, 196 looks on a white background.

Color Contrast Check

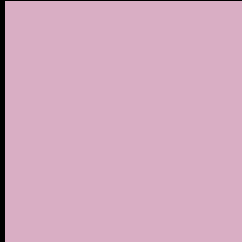
Large Text (above 18pt) WCAG AA × Fail

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, 196 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, 196 Background



This preview shows how black text looks on a background with the RGB color 217, 174, 196.

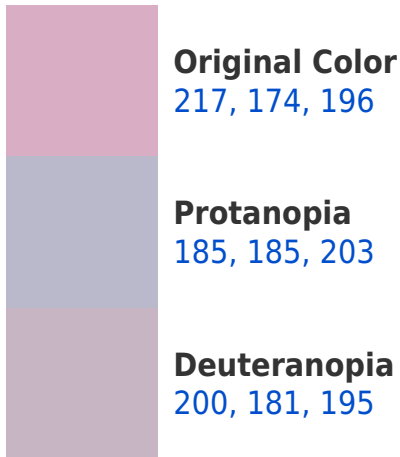


This preview shows how white text looks on a background with the RGB color 217, 174, 196.

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
216, 175, 189

Trichromacy



Original Color

217, 174, 196

Protanomaly

197, 181, 200

Deuteranomaly

206, 178, 195

Tritanomaly

216, 175, 192

Monochromacy



Original Color

217, 174, 196

Achromatopsia

189, 189, 189

Achromatomaly

199, 184, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 174, 196 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 196) }
```

Border

The CSS property to change the border of an element to RGB 217, 174, 196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

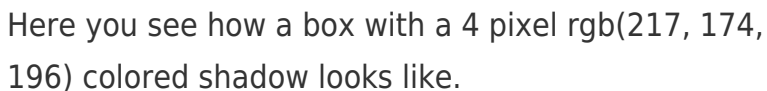
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 174, 196) }
```

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

```
.border{ border-color:rgb(217, 174, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 196);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 217, 174, 196 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, 196) }
```

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

```
.background{ background-color: rgb(217,  
174, 196) }
```

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