

Converting Colors

RGB(217, 137, 174)

Have a look what the booklet for
RGB(217, 137, 174) contains.

RGB(217, 137, 174)	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, 137, 174)

Conversions

Conversions Part 1

Format	Color
Hex	D989AE
RGB	217, 137, 174
RGB Percent	85%, 54%, 68%
CMY	0.1490, 0.4627, 0.3176
CMYK	0.00, 0.37, 0.20, 0.15
HSL	332°, 51%, 69%
HSV	332°, 37%, 85%
XYZ	45.2009, 35.6990, 44.5527
YIQ	165.1380, 35.8030, 28.4670

Conversions

Conversions Part 2

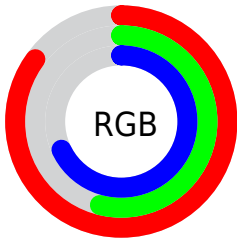
Format	Color
R_{YB}	217, 137, 174
Decimal	14256558
CIE Lab	66.29, 35.58, -6.60
CIE LCh	66, 36.189, 349.489
Yxy	35.6990, 0.3603, 0.2846
Android (android.graphics.Color)	4292446638 (0xFFD989AE)
YUV	165.1380, 4.3690, 45.4830
Hunter-Lab	59.7487, 30.4782, -2.3866

Details

The RGB color **217, 137, 174** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **137, 217, 180**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 191, 229**, and **161, 85, 122** is the 20% darker color. If you saturate the color by 10%, you get **217, 115, 162**, and if you desaturate by 10%, it is **217, 159, 186**.

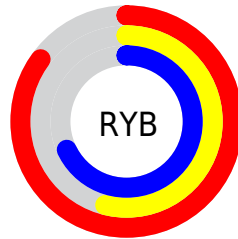
Distribution



Red (85%)

Green (54%)

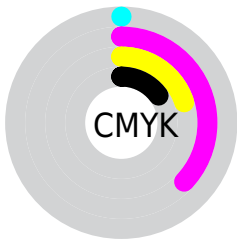
Blue (68%)



Red (85%)

Yellow (54%)

Blue (68%)

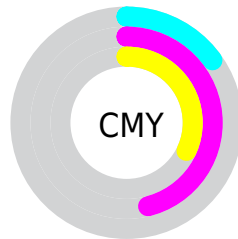


Cyan (0%)

Magenta (37%)

Yellow (20%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 137, 174 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, 137, 174 by changing the saturation by 10% instead.

 217, 137, 174

255, 255, 255


 255, 191, 229

 255, 220, 255

 255, 249, 255


 217, 137, 174

 188, 111, 147

 161, 85, 122

 133, 61, 97

 107, 36, 73

 81, 8, 51

 56, 0, 30

 33, 0, 1

 0, 0, 0

 217, 137, 174

 217, 137, 174

■ 217, 115, 162

■ 217, 159, 186

■ 217, 94, 151

■ 217, 180, 197

■ 217, 72, 139

■ 217, 202, 209

■ 217, 50, 127

■ 217, 224, 221

■ 217, 28, 116

■ 217, 246, 232

■ 217, 7, 104

■ 217, 255, 244

■ 217, 0, 100

■ 217, 255, 255

Harmonies

Analogous

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



191, 145, 204



217, 137, 174



225, 137, 141

Triad

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



217, 137, 174



161, 166, 99



35, 175, 210

Complementary

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



217, 137, 174



137, 217, 180

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.



33, 178, 182



217, 137, 174



124, 174, 118

Square

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



217, 137, 174



193, 155, 97



82, 178, 148



94, 168, 224

Rectangle

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



217, 137, 174



220, 141, 121



82, 178, 148



19, 177, 201

Sweetspot

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



217, 137, 174



255, 227, 240



180, 137, 217



128, 111, 119



0, 0, 0



128, 128, 128

Same Dimension

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



217, 137, 174



255, 143, 195



217, 140, 137



110, 99, 104



173, 0, 80



46, 0, 21

Inverse Universe

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



217, 137, 174



255, 143, 195



137, 214, 217



110, 99, 104



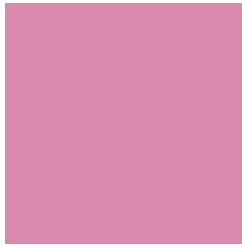
173, 0, 80



46, 0, 21

Previews

White Background



This preview shows how the RGB color 217, 137, 174 looks on a white background.

Color Contrast Check

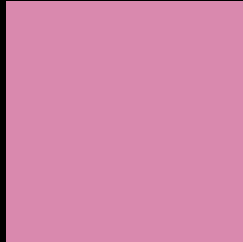
Large Text (above 18pt) WCAG AA × Fail

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, 137, 174 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, 137, 174 Background



This preview shows how black text looks on a background with the RGB color 217, 137, 174.

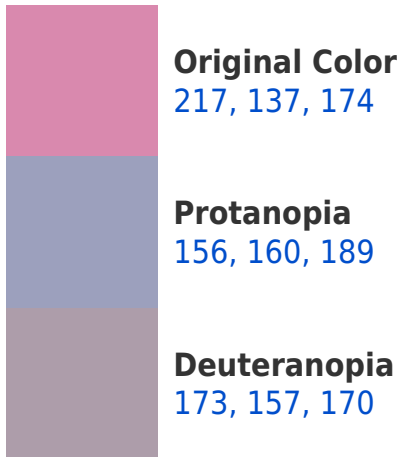



This preview shows how white text looks on a background with the RGB color 217, 137, 174.

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
215, 141, 152

Trichromacy



Original Color

217, 137, 174



Protanomaly

178, 152, 184



Deuteranomaly

189, 150, 171



Tritanomaly

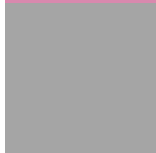
216, 140, 160

Monochromacy



Original Color

217, 137, 174



Achromatopsia

165, 165, 165



Achromatomaly

184, 155, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 137, 174 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, 137, 174) looks like.

```
.text, #text, p{  
    color:rgb(217, 137, 174)  
}
```

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, 137, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 137, 174) }
```

Border

The CSS property to change the border of an element to RGB 217, 137, 174 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, 137, 174) }
```

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

```
.border{ border-color:rgb(217, 137, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 137, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 137, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 137, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 137,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 217, 137, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 137, 174) }
```

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

```
.background{ background-color: rgb(217,  
137, 174) }
```

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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