

Converting Colors

RGB(217, 89, 171)

Have a look what the booklet for
RGB(217, 89, 171) contains.

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Color

RGB(217, 89, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D959AB
RGB	217, 89, 171
RGB Percent	85%, 35%, 67%
CMY	0.1490, 0.6510, 0.3294
CMYK	0.00, 0.59, 0.21, 0.15
HSL	322°, 63%, 60%
HSV	322°, 59%, 85%
XYZ	39.5383, 24.8367, 41.2381
YIQ	136.6200, 49.9660, 52.6380

Conversions

Conversions Part 2

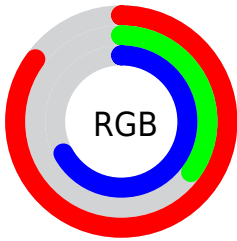
Format	Color
R _Y B	217, 89, 171
Decimal	14244267
CIE Lab	56.92, 58.95, -18.99
CIE LCh	57, 61.936, 342.150
Yxy	24.8367, 0.3744, 0.2352
Android (android.graphics.Color)	4292434347 (0xFFD959AB)
YUV	136.6200, 16.9493, 70.4933
Hunter-Lab	49.8365, 54.4012, -14.1751

Details

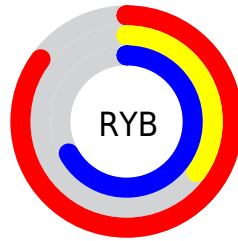
The RGB color **217, 89, 171** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **89, 217, 135**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **255, 145, 226**, and **159, 28, 119** is the 20% darker color. If you saturate the color by 10%, you get **217, 67, 163**, and if you desaturate by 10%, it is **217, 111, 179**.

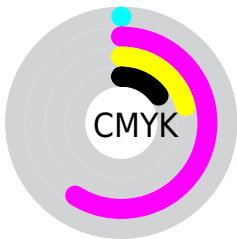
Distribution



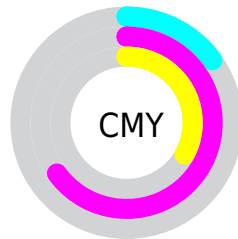
- Red (85%)
- Green (35%)
- Blue (67%)



- Red (85%)
- Yellow (35%)
- Blue (67%)



- Cyan (0%)
- Magenta (59%)
- Yellow (21%)
- Black (15%)



















- Cyan (15%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 89, 171 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, 89, 171 by changing the saturation by 10% instead.

 217, 89, 171	 217, 89, 171
 255, 255, 255	 188, 60, 144
 255, 145, 226	 159, 28, 119
 255, 173, 255	 131, 0, 94
 255, 202, 255	 103, 0, 70
 255, 231, 255	 76, 0, 47
	 50, 0, 27
	 7, 0, 0
	 0, 0, 0

 217, 89, 171	 217, 89, 171
--	--

■ 217, 67, 163

■ 217, 111, 179

■ 217, 46, 155

■ 217, 132, 187

■ 217, 24, 148

■ 217, 154, 194

■ 217, 2, 140

■ 217, 176, 202

■ 217, 0, 139

■ 217, 198, 210

■ 217, 219, 218

■ 217, 241, 226

■ 217, 255, 233

■ 217, 255, 241

Harmonies

Analogous

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



167, 112, 217



217, 89, 171



234, 83, 117

Triad

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



217, 89, 171



143, 141, 2



0, 160, 208

Complementary

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



217, 89, 171



89, 217, 135

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.



0, 162, 158



217, 89, 171



82, 153, 49

Square

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



217, 89, 171



189, 122, 22



0, 160, 101



0, 152, 239

Rectangle

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



217, 89, 171



228, 92, 82



0, 160, 101



0, 161, 193

Sweetspot

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



217, 89, 171



255, 209, 239



134, 89, 217



128, 99, 117



0, 0, 0



128, 128, 128

Same Dimension

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



217, 89, 171



255, 74, 190



217, 89, 108



110, 99, 106



173, 0, 111



46, 0, 29

Inverse Universe

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



217, 89, 171



255, 74, 190



89, 217, 198



110, 99, 106



173, 0, 111



46, 0, 29

Previews

White Background



This preview shows how the RGB color 217, 89, 171 looks on a white background.

Color Contrast Check

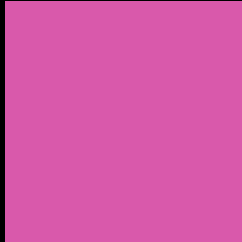
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

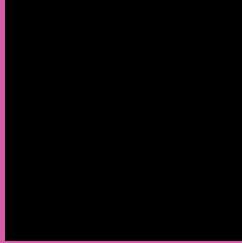
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 217, 89, 171 Background



This preview shows how black text looks on a background with the RGB color 217, 89, 171.

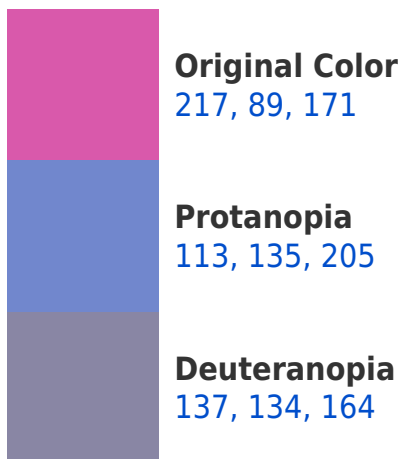



This preview shows how white text looks on a background with the RGB color 217, 89, 171.

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
211, 103, 111

Trichromacy



Original Color

217, 89, 171



Protanomaly

151, 118, 193



Deuteranomaly

166, 118, 167



Tritanomaly

213, 98, 133

Monochromacy



Original Color

217, 89, 171



Achromatopsia

137, 137, 137



Achromatomaly

166, 120, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 89, 171 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, 89, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 89, 171)  
}
```

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, 89, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 171) }
```

Border

The CSS property to change the border of an element to RGB 217, 89, 171 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, 89, 171) }
```

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

```
.border{ border-color:rgb(217, 89, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 89, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 89, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 89, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 89,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 217, 89, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 89, 171) }
```

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

```
.background{ background-color: rgb(217, 89,  
171) }
```

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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