

Converting Colors

RGB(234, 171, 228)

Have a look what the booklet for
RGB(234, 171, 228) contains.

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Color

RGB(234, 171, 228)

Conversions

Conversions Part 1

Format	Color
Hex	EAABE4
RGB	234, 171, 228
RGB Percent	92%, 67%, 89%
CMY	0.0824, 0.3294, 0.1059
CMYK	0.00, 0.27, 0.03, 0.08
HSL	306°, 60%, 79%
HSV	306°, 27%, 92%
XYZ	62.4982, 52.2197, 80.1842
YIQ	196.3350, 19.2510, 31.0830

Conversions

Conversions Part 2

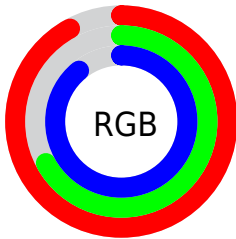
Format	Color
RYB	234, 171, 228
Decimal	15379428
CIELab	77.41, 32.15, -19.55
CIELCh	77, 37.631, 328.693
Yxy	52.2197, 0.3207, 0.2679
Android (android.graphics.Color)	4293569508 (0xFFEAABE4)
YUV	196.3350, 15.6108, 33.0322
Hunter-Lab	72.2632, 27.9185, -15.2047

Details

The RGB color **234, 171, 228** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 234, 177**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 227, 255**, and **177, 118, 172** is the 20% darker color. If you saturate the color by 10%, you get **234, 148, 226**, and if you desaturate by 10%, it is **234, 194, 230**.

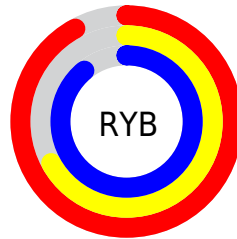
Distribution



Red (92%)

Green (67%)

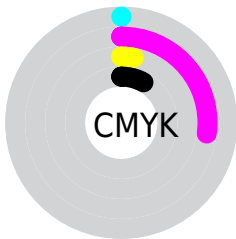
Blue (89%)



Red (92%)

Yellow (67%)

Blue (89%)

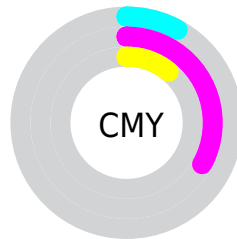


Cyan (0%)

Magenta (27%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 171, 228 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 234, 171, 228 by changing the saturation by 10% instead.

■ 234, 171, 228

255, 255, 255

■ 255, 227, 255

■ 234, 171, 228

■ 205, 144, 200

■ 177, 118, 172

■ 150, 93, 146

■ 124, 68, 120


■ 98, 44, 95

■ 73, 20, 71


■ 49, 0, 49

■ 28, 0, 28

■ 0, 0, 0

 234, 171, 228


 234, 171, 228

 234, 148, 226


 234, 194, 230

 234, 124, 224

 234, 218, 232

 234, 101, 221

 234, 241, 235

 234, 77, 219

 234, 255, 237

 234, 54, 217

 234, 255, 239

 234, 31, 215

 234, 255, 241

 234, 7, 212

 234, 255, 244

 234, 0, 212

 234, 255, 246

 234, 255, 248

Harmonies

Analogous

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



193, 183, 252



234, 171, 228



255, 165, 194

Triad

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



234, 171, 228



216, 189, 121



64, 209, 224

Complementary

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



234, 171, 228



171, 234, 177

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.



96, 210, 188



234, 171, 228



180, 199, 129

Square

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



234, 171, 228



244, 177, 133



139, 207, 154



86, 204, 250

Rectangle

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



234, 171, 228



255, 165, 171



139, 207, 154



71, 210, 212

Sweetspot

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



234, 171, 228



255, 235, 253



176, 171, 234



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



234, 171, 228



255, 173, 247



234, 171, 197



117, 106, 116



181, 0, 164



54, 0, 48

Inverse Universe

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



234, 171, 228



255, 173, 247



171, 234, 208



117, 106, 116



181, 0, 164



54, 0, 48

Previews

White Background



This preview shows how the RGB color 234, 171, 228 looks on a white background.

Color Contrast Check

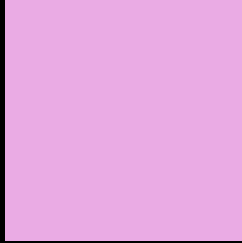
Large Text (above 18pt) WCAG AA × Fail

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 234, 171, 228 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 234, 171, 228 Background



This preview shows how black text looks on a background with the RGB color 234, 171, 228.



This preview shows how white text looks on a background with the RGB color 234, 171, 228.

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
234, 171, 228

Protanopia
179, 190, 241

Deuteranopia
194, 187, 225



Tritanopia
229, 178, 192

Trichromacy



Original Color

234, 171, 228



Protanomaly

199, 183, 236



Deuteranomaly

209, 181, 226



Tritanomaly

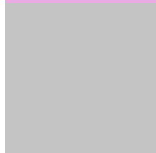
231, 175, 205

Monochromacy



Original Color

234, 171, 228



Achromatopsia

196, 196, 196



Achromatomaly

210, 187, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 171, 228 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(234, 171, 228) looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 228)  
}
```

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(234, 171, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 228) }
```

Border

The CSS property to change the border of an element to RGB 234, 171, 228 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(234, 171, 228) }
```

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

```
.border{ border-color:rgb(234, 171, 228) }
```

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

Here you see how a box with a 4 pixel rgb(234, 171, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 228);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 234, 171, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 171, 228) }
```

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

```
.background{ background-color: rgb(234,  
171, 228) }
```

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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