

Converting Colors

RGB(234, 171, 227)

Have a look what the booklet for
RGB(234, 171, 227) contains.

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Color

RGB(234, 171, 227)

Conversions

Conversions Part 1

Format	Color
Hex	EAABE3
RGB	234, 171, 227
RGB Percent	92%, 67%, 89%
CMY	0.0824, 0.3294, 0.1098
CMYK	0.00, 0.27, 0.03, 0.08
HSL	307°, 60%, 79%
HSV	307°, 27%, 92%
XYZ	62.3597, 52.1643, 79.4550
YIQ	196.2210, 19.5720, 30.7720

Conversions

Conversions Part 2

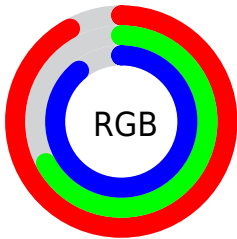
Format	Color
R_{YB}	234, 171, 227
Decimal	15379427
CIE _{Lab}	77.38, 31.97, -19.06
CIE _{LCh}	77, 37.224, 329.198
Yxy	52.1643, 0.3215, 0.2689
Android (android.graphics.Color)	4293569507 (0xFFEAABE3)
YUV	196.2210, 15.1740, 33.1322
Hunter-Lab	72.2249, 27.7253, -14.6679

Details

The RGB color **234, 171, 227** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 234, 178**, 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, 224**, and if you desaturate by 10%, it is **234, 194, 230**.

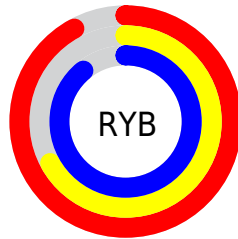
Distribution



Red (92%)

Green (67%)

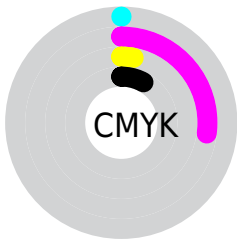
Blue (89%)



Red (92%)

Yellow (67%)

Blue (89%)

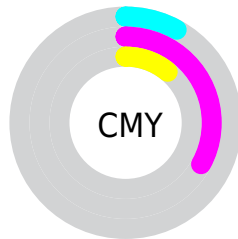


Cyan (0%)

Magenta (27%)

Yellow (3%)

Black (8%)



Cyan (8%)


Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 171, 227 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, 227 by changing the saturation by 10% instead.

 234, 171, 227

255, 255, 255

 255, 227, 255

 234, 171, 227

 205, 144, 199

 177, 118, 172

 150, 93, 145

 124, 68, 119


 98, 44, 94


 73, 20, 71

 49, 0, 48

 27, 0, 27


 0, 0, 0

 234, 171, 227


 234, 171, 227

 234, 148, 224

 234, 194, 230

 234, 124, 222

 234, 218, 232

 234, 101, 219

 234, 241, 235

 234, 77, 217

 234, 255, 237

 234, 54, 214

 234, 255, 240

 234, 31, 211

 234, 255, 243

 234, 7, 209

 234, 255, 245

 234, 0, 208

 234, 255, 248

 234, 255, 250

Harmonies

Analogous

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



194, 183, 251



234, 171, 227



255, 165, 193

Triad

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



234, 171, 227



215, 189, 122



67, 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, 227



171, 234, 178

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.



97, 210, 189



234, 171, 227



179, 199, 130

Square

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



234, 171, 227



243, 177, 133



139, 206, 155



89, 204, 249

Rectangle

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



234, 171, 227



255, 166, 170



139, 206, 155



73, 210, 213

Sweetspot

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



234, 171, 227



255, 235, 253



177, 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, 227



255, 173, 246



234, 171, 196



117, 106, 116



181, 0, 161



54, 0, 48

Inverse Universe

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



234, 171, 227



255, 173, 246



171, 234, 209



117, 106, 116



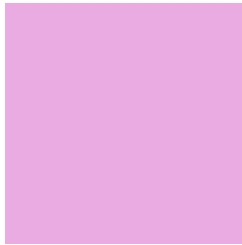
181, 0, 161



54, 0, 48

Previews

White Background



This preview shows how the RGB color 234, 171, 227 looks on a white background.

Color Contrast Check

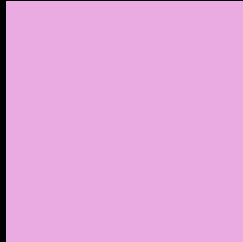
Large Text (above 18pt) WCAG AA × Fail

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, 227 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, 227 Background



This preview shows how black text looks on a background with the RGB color 234, 171, 227.



This preview shows how white text looks on a background with the RGB color 234, 171, 227.

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, 227

Protanopia
179, 190, 240

Deuteranopia
194, 187, 224



Tritanopia
229, 178, 191

Trichromacy



Original Color

234, 171, 227



Protanomaly

199, 183, 235



Deuteranomaly

209, 181, 225



Tritanomaly

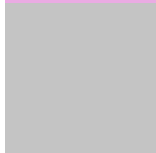
231, 175, 204

Monochromacy



Original Color

234, 171, 227



Achromatopsia

196, 196, 196



Achromatomaly

210, 187, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 171, 227 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, 227) looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 227) }
```

Border

The CSS property to change the border of an element to RGB 234, 171, 227 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, 227) }
```

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

```
.border{ border-color:rgb(234, 171, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 234, 171, 227 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, 227) }
```

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

```
.background{ background-color: rgb(234,  
171, 227) }
```

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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