

# Converting Colors

RGB(234, 171, 225)

Have a look what the booklet for  
RGB(234, 171, 225) contains.

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# **Color**

**RGB(234, 171, 225)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAABE1
RGB	234, 171, 225
RGB Percent	92%, 67%, 88%
CMY	0.0824, 0.3294, 0.1176
CMYK	0.00, 0.27, 0.04, 0.08
HSL	309°, 60%, 79%
HSV	309°, 27%, 92%
XYZ	62.0852, 52.0545, 78.0094
YIQ	195.9930, 20.2140, 30.1500

# Conversions

## Conversions Part 2

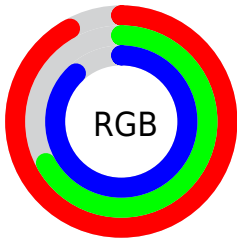
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 171, 225
Decimal	15379425
CIE <sub>Lab</sub>	77.31, 31.62, -18.08
CIE <sub>LCh</sub>	77, 36.420, 330.243
Yxy	52.0545, 0.3231, 0.2709
Android (android.graphics.Color)	4293569505 (0xFFEAABE1)
YUV	195.9930, 14.3005, 33.3321
Hunter-Lab	72.1488, 27.3417, -13.6020

# Details

The RGB color `234, 171, 225` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `171, 234, 180`, and the grayscale version is `196, 196, 196`.

A 20% lighter version of the original color is `255, 227, 255`, and `177, 118, 170` is the 20% darker color. If you saturate the color by 10%, you get `234, 148, 222`, and if you desaturate by 10%, it is `234, 194, 228`.

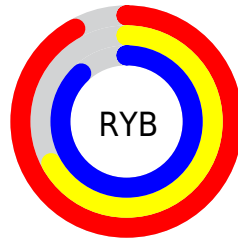
# Distribution



Red (92%)

Green (67%)

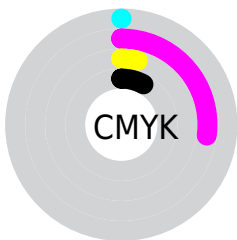
Blue (88%)



Red (92%)

Yellow (67%)

Blue (88%)

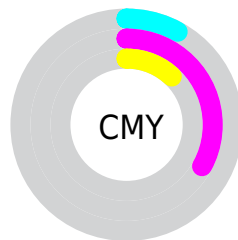


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (33%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 234, 171, 225 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, 225 by changing the saturation by 10% instead.



■ 234, 171, 225

255, 255, 255

■ 255, 227, 255

■ 234, 171, 225

■ 205, 144, 197

■ 177, 118, 170

■ 150, 93, 143

■ 124, 68, 117


■ 98, 44, 93

■ 73, 20, 69


■ 49, 0, 46

■ 27, 0, 26

■ 0, 0, 0

 234, 171, 225


 234, 171, 225

 234, 148, 222

 234, 194, 228

 234, 124, 218

 234, 218, 232

 234, 101, 215

 234, 241, 235

 234, 77, 212

 234, 255, 238

 234, 54, 208

 234, 255, 242

 234, 31, 205

 234, 255, 245

 234, 7, 202

 234, 255, 248

 234, 0, 201

 234, 255, 252

 234, 255, 255

# Harmonies

## Analogous

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



196, 182, 249



234, 171, 225



255, 165, 192

# Triad

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



234, 171, 225



214, 189, 123



72, 208, 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, 225



171, 234, 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.



98, 209, 190



234, 171, 225



178, 199, 132

# Square

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



234, 171, 225



241, 177, 133



139, 206, 156



94, 203, 249

# Rectangle

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



234, 171, 225



255, 166, 169



139, 206, 156



77, 209, 213



# Sweetspot

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



234, 171, 225



255, 235, 252



179, 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, 225



255, 173, 243



234, 171, 194



117, 106, 116



181, 0, 155



54, 0, 46



# Inverse Universe

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



234, 171, 225



255, 173, 243



171, 234, 211



117, 106, 116



181, 0, 155

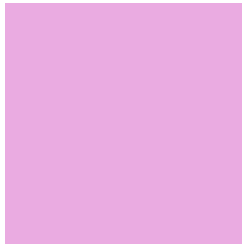


54, 0, 46



# Previews

## White Background



This preview shows how the RGB color 234, 171, 225 looks on a white background.

## Color Contrast Check

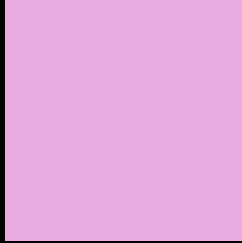
Large Text (above 18pt) WCAG AA × Fail

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, 225 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, 225 Background



This preview shows how black text looks on a background with the RGB color 234, 171, 225.

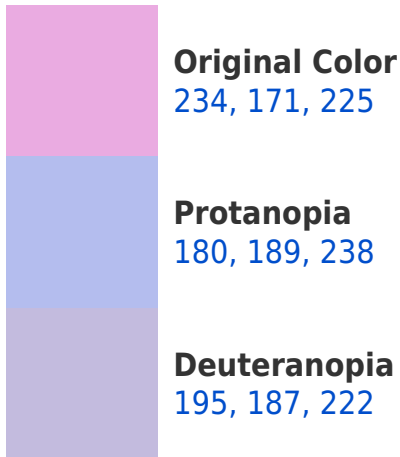


This preview shows how white text looks on a background with the RGB color 234, 171, 225.

# 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**  
229, 177, 191

# Trichromacy



**Original Color**

234, 171, 225



**Protanomaly**

200, 182, 233



**Deuteranomaly**

209, 181, 223



**Tritanomaly**

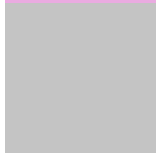
231, 175, 203

# Monochromacy



**Original Color**

234, 171, 225



**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, 225 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, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 225) }
```

## Border

The CSS property to change the border of an element to RGB 234, 171, 225 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, 225) }
```

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

```
.border{ border-color:rgb(234, 171, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
225) }
```

# Background

The CSS property to change the background color of an element to RGB 234, 171, 225 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, 225) }
```

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

```
.background{ background-color: rgb(234,  
171, 225) }
```

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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