

Converting Colors

RGB(234, 174, 240)

Have a look what the booklet for
RGB(234, 174, 240) contains.

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Color

RGB(234, 174, 240)

Conversions

Conversions Part 1

Format	Color
Hex	EAAEF0
RGB	234, 174, 240
RGB Percent	92%, 68%, 94%
CMY	0.0824, 0.3176, 0.0588
CMYK	0.03, 0.27, 0.00, 0.06
HSL	295°, 69%, 81%
HSV	295°, 27%, 94%
XYZ	64.7959, 54.0558, 89.4568
YIQ	199.4640, 14.5740, 33.2460

Conversions

Conversions Part 2

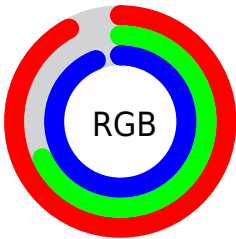
Format	Color
RYB	234, 174, 240
Decimal	15380208
CIELab	78.49, 32.75, -24.40
CIELCh	78, 40.840, 323.317
Yxy	54.0558, 0.3111, 0.2595
Android (android.graphics.Color)	4293570288 (0xFFEAAEF0)
YUV	199.4640, 19.9842, 30.2881
Hunter-Lab	73.5226, 28.6484, -20.6737

Details

The RGB color **234, 174, 240** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180, 240, 174**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 230, 255**, and **177, 121, 184** is the 20% darker color. If you saturate the color by 10%, you get **232, 150, 240**, and if you desaturate by 10%, it is **236, 198, 240**.

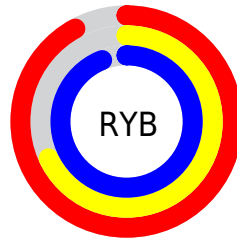
Distribution



Red (92%)

Green (68%)

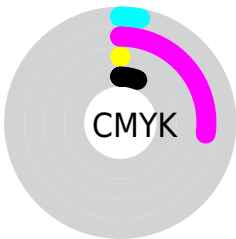
Blue (94%)



Red (92%)

Yellow (68%)

Blue (94%)

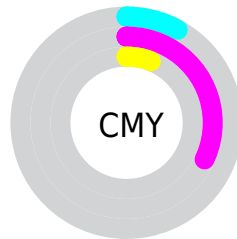


Cyan (3%)

Magenta (27%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (32%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 174, 240 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, 174, 240 by changing the saturation by 10% instead.

■ 234, 174, 240

255, 255, 255

■ 255, 230, 255

■ 234, 174, 240

■ 205, 147, 212

■ 177, 121, 184

■ 150, 95, 157

■ 124, 71, 131


■ 98, 47, 105

■ 73, 23, 81


■ 49, 0, 58

■ 29, 0, 36


■ 0, 0, 11

 234, 174, 240

 234, 174, 240

 232, 150, 240


 236, 198, 240

 230, 126, 240


 238, 222, 240

 227, 102, 240


 241, 246, 240

 225, 78, 240

 243, 255, 240

 223, 54, 240


 245, 255, 240

 221, 30, 240

 247, 255, 240

 219, 6, 240

 249, 255, 240

 218, 0, 240

 251, 255, 240

 254, 255, 240

Harmonies

Analogous

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



186, 188, 255



234, 174, 240



255, 165, 204

Triad

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



234, 174, 240



227, 189, 119



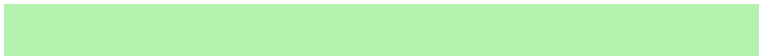
44, 214, 223

Complementary

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



234, 174, 240



180, 240, 174

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, 214, 184



234, 174, 240



189, 201, 123

Square

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



234, 174, 240



255, 176, 135



145, 210, 148



59, 210, 254

Rectangle

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



234, 174, 240



255, 165, 179



145, 210, 148



60, 215, 210

Sweetspot

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



234, 174, 240



253, 235, 255



174, 181, 240



126, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 174, 240



247, 171, 255



240, 174, 214



119, 108, 120



167, 0, 184



51, 0, 56

Inverse Universe

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



240, 174, 180



255, 171, 179



174, 240, 200



120, 108, 109



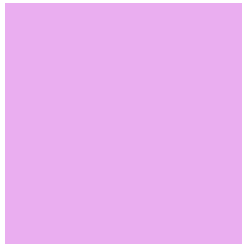
184, 0, 17



56, 0, 5

Previews

White Background



This preview shows how the RGB color 234, 174, 240 looks on a white background.

Color Contrast Check

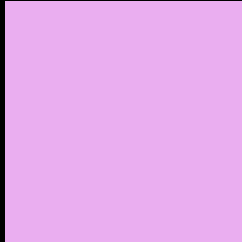
Large Text (above 18pt) WCAG AA × Fail

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, 174, 240 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, 174, 240 Background



This preview shows how black text looks on a background with the RGB color 234, 174, 240.

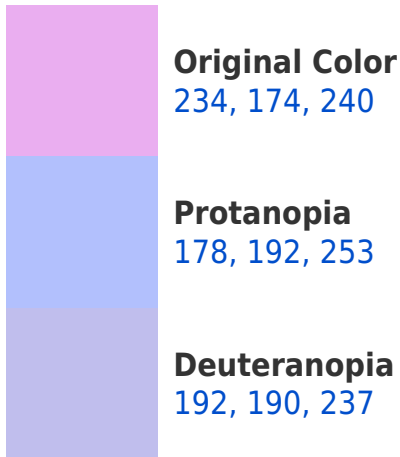



This preview shows how white text looks on a background with the RGB color 234, 174, 240.

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
228, 182, 196

Trichromacy



Original Color

234, 174, 240



Protanomaly

198, 185, 248



Deuteranomaly

207, 184, 238



Tritanomaly

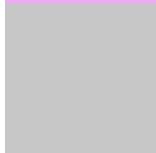
230, 179, 212

Monochromacy



Original Color

234, 174, 240



Achromatopsia

199, 199, 199



Achromatomaly

212, 190, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 174, 240 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, 174, 240)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 240)  
}
```

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, 174, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 240) }
```

Border

The CSS property to change the border of an element to RGB 234, 174, 240 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, 174, 240) }
```

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

```
.border{ border-color:rgb(234, 174, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 240);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 234, 174, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 240) }
```

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

```
.background{ background-color: rgb(234,  
174, 240) }
```

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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