

Converting Colors

RGB(245, 174, 240)

Have a look what the booklet for
RGB(245, 174, 240) contains.

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Color

RGB(245, 174, 240)

Conversions

Conversions Part 1

Format	Color
Hex	F5AEF0
RGB	245, 174, 240
RGB Percent	96%, 68%, 94%
CMY	0.0392, 0.3176, 0.0588
CMYK	0.00, 0.29, 0.02, 0.04
HSL	304°, 78%, 82%
HSV	304°, 29%, 96%
XYZ	68.5204, 55.9759, 89.6311
YIQ	202.7530, 21.1300, 35.5780

Conversions

Conversions Part 2

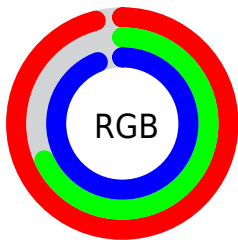
Format	Color
R _Y B	245, 174, 240
Decimal	16101104
CIE Lab	79.60, 36.26, -22.61
CIE LCh	80, 42.733, 328.051
Yxy	55.9759, 0.3200, 0.2614
Android (android.graphics.Color)	4294291184 (0xFFF5AEF0)
YUV	202.7530, 18.3628, 37.0506
Hunter-Lab	74.8170, 32.5477, -18.6577

Details

The RGB color **245, 174, 240** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **174, 245, 179**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 230, 255**, and **188, 121, 184** is the 20% darker color. If you saturate the color by 10%, you get **245, 150, 238**, and if you desaturate by 10%, it is **245, 199, 242**.

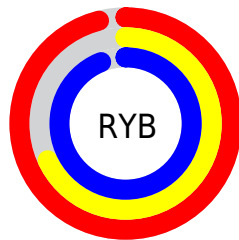
Distribution



Red (96%)

Green (68%)

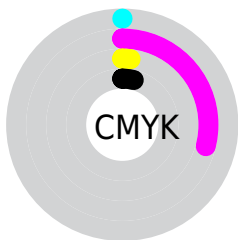
Blue (94%)



Red (96%)

Yellow (68%)

Blue (94%)

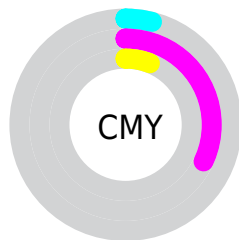


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (4%)



Cyan (4%)

Magenta (32%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RGB color 245, 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 245, 174, 240 by changing the saturation by 10% instead.

 245, 174, 240

 245, 174, 240

255, 255, 255

 216, 147, 212

 255, 230, 255

 188, 121, 184

 160, 95, 157

 133, 70, 131

 107, 46, 105

 82, 21, 81

 57, 0, 58

 38, 0, 36

 0, 0, 11

 245, 174, 240


 245, 174, 240

 245, 150, 238

 245, 199, 242

 245, 125, 237


 245, 223, 243

 245, 101, 235


 245, 248, 245

 245, 76, 233

 245, 255, 247

 245, 51, 231

 245, 255, 249

 245, 27, 230

 245, 255, 250

 245, 2, 228

 245, 255, 252

 245, 0, 228

 245, 255, 254

 245, 255, 255

Harmonies

Analogous

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



198, 188, 255



245, 174, 240



255, 166, 201

Triad

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



245, 174, 240



226, 194, 117



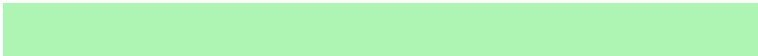
10, 218, 233

Complementary

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



245, 174, 240



174, 245, 179

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.



82, 218, 193



245, 174, 240



185, 206, 125

Square

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



245, 174, 240



255, 180, 131



138, 214, 154



59, 212, 255

Rectangle

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



245, 174, 240



255, 167, 175



138, 214, 154



38, 218, 221

Sweetspot

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



245, 174, 240



255, 232, 253



179, 174, 245



128, 113, 127



0, 0, 0



128, 128, 128

Same Dimension

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



245, 174, 240



255, 166, 249



245, 174, 205



122, 110, 122



186, 0, 173



59, 0, 55

Inverse Universe

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



245, 174, 240



255, 166, 249



174, 245, 214



122, 110, 122



186, 0, 173



59, 0, 55

Previews

White Background



This preview shows how the RGB color 245, 174, 240 looks on a white background.

Color Contrast Check

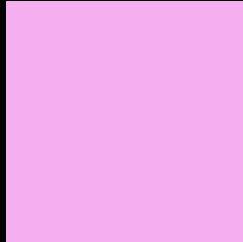
Large Text (above 18pt) WCAG AA × Fail

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 245, 174, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

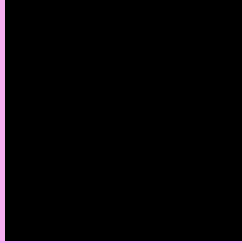
Any Text WCAG AA ✓ Pass

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 245, 174, 240 Background



This preview shows how black text looks on a background with the RGB color 245, 174, 240.

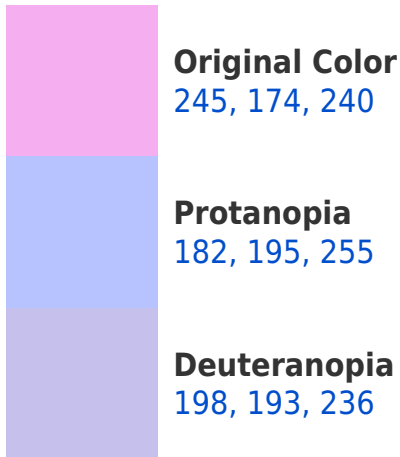



This preview shows how white text looks on a background with the RGB color 245, 174, 240.

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
239, 182, 196

Trichromacy



Original Color

245, 174, 240



Protanomaly

205, 187, 250



Deuteranomaly

215, 186, 237



Tritanomaly

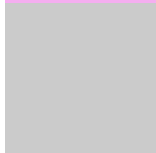
241, 179, 212

Monochromacy



Original Color

245, 174, 240



Achromatopsia

203, 203, 203



Achromatomaly

218, 192, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 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(245, 174, 240)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 174, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 240) }
```

Border

The CSS property to change the border of an element to RGB 245, 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(245, 174, 240) }
```

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

```
.border{ border-color:rgb(245, 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(245, 174, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 245, 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(245, 174, 240) }
```

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

```
.background{ background-color: rgb(245,  
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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