

Converting Colors

RGB(245, 194, 237)

Have a look what the booklet for
RGB(245, 194, 237) contains.

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Color

RGB(245, 194, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F5C2ED
RGB	245, 194, 237
RGB Percent	96%, 76%, 93%
CMY	0.0392, 0.2392, 0.0706
CMYK	0.00, 0.21, 0.03, 0.04
HSL	309°, 72%, 86%
HSV	309°, 21%, 96%
XYZ	72.2340, 64.1105, 88.6882
YIQ	214.1510, 16.5930, 24.1850

Conversions

Conversions Part 2

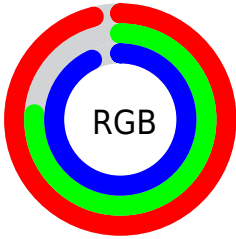
Format	Color
R _Y B	245, 194, 237
Decimal	16106221
CIE Lab	84.02, 25.15, -14.33
CIE LCh	84, 28.946, 330.334
Yxy	64.1105, 0.3210, 0.2849
Android (android.graphics.Color)	4294296301 (0xFFF5C2ED)
YUV	214.1510, 11.2646, 27.0546
Hunter-Lab	80.0690, 20.9125, -9.6241

Details

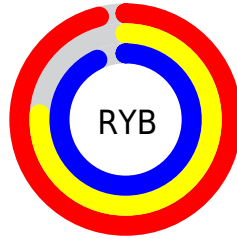
The RGB color **245, 194, 237** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **194, 245, 202**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 251, 255, and **188, 140, 181** is the 20% darker color. If you saturate the color by 10%, you get **245, 169, 233**, and if you desaturate by 10%, it is **245, 219, 241**.

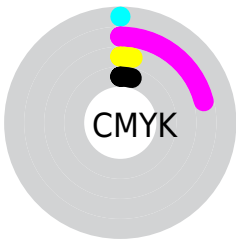
Distribution



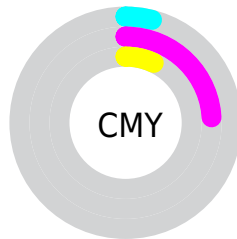
- Red (96%)
- Green (76%)
- Blue (93%)



- Red (96%)
- Yellow (76%)
- Blue (93%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 194, 237 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, 194, 237 by changing the saturation by 10% instead.

 245, 194, 237


 245, 194, 237

255, 255, 255

 216, 167, 209

 255, 251, 255


 188, 140, 181

 161, 114, 154

 134, 89, 128

 109, 65, 103

 84, 42, 79


 60, 20, 56

 38, 0, 35

 0, 0, 10

 245, 194, 237


 245, 194, 237

 245, 169, 233


 245, 219, 241

 245, 145, 229


 245, 243, 245

 245, 120, 225

 245, 255, 249


 245, 96, 222

 245, 255, 252

 245, 71, 218

 245, 255, 255

 245, 47, 214

 245, 22, 210

 245, 0, 207

Harmonies

Analogous

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



214, 202, 255



245, 194, 237



255, 190, 210

Triad

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



245, 194, 237



229, 208, 155



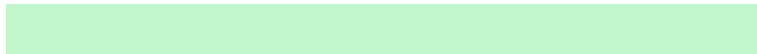
129, 224, 236

Complementary

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



245, 194, 237



194, 245, 202

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.



142, 225, 209



245, 194, 237



200, 216, 162

Square

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



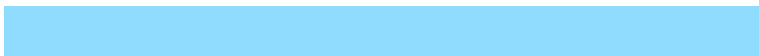
245, 194, 237



252, 199, 163



169, 222, 182



143, 220, 255

Rectangle

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



245, 194, 237



255, 190, 192



169, 222, 182



131, 225, 227

Sweetspot

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



245, 194, 237



255, 240, 253



202, 194, 245



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



245, 194, 237



255, 191, 245



245, 194, 212



122, 110, 120



186, 0, 157



59, 0, 49

Inverse Universe

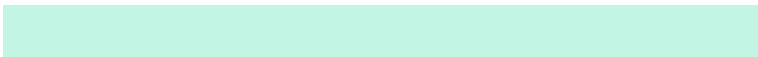
The Inverse Universe completely reimagines the original color for something new.



245, 194, 237



255, 191, 245



194, 245, 227



122, 110, 120



186, 0, 157



59, 0, 49

Previews

White Background



This preview shows how the RGB color 245, 194, 237 looks on a white background.

Color Contrast Check

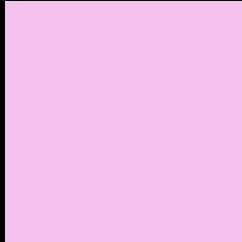
Large Text (above 18pt) WCAG AA × Fail

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, 194, 237 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, 194, 237 Background



This preview shows how black text looks on a background with the RGB color 245, 194, 237.

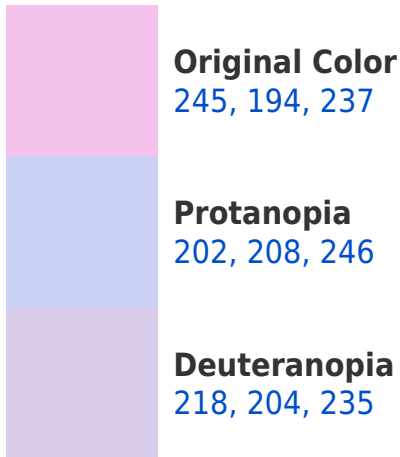



This preview shows how white text looks on a background with the RGB color 245, 194, 237.

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





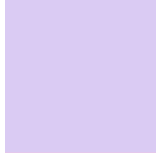
Tritanopia
242, 198, 214

Trichromacy



Original Color

245, 194, 237



Protanomaly

218, 203, 243



Deuteranomaly

228, 200, 236



Tritanomaly

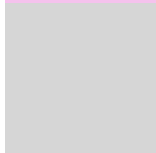
243, 197, 222

Monochromacy



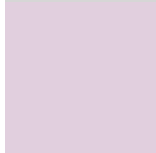
Original Color

245, 194, 237



Achromatopsia

214, 214, 214



Achromatomaly

225, 207, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 194, 237 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, 194, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 194, 237)  
}
```

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, 194, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 194, 237) }
```

Border

The CSS property to change the border of an element to RGB 245, 194, 237 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, 194, 237) }
```

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

```
.border{ border-color:rgb(245, 194, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 194, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 194, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 194, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 194,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 245, 194, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 194, 237) }
```

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

```
.background{ background-color: rgb(245,  
194, 237) }
```

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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