

Converting Colors

RGB(245, 191, 235)

Have a look what the booklet for
RGB(245, 191, 235) contains.

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Color

RGB(245, 191, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F5BFEB
RGB	245, 191, 235
RGB Percent	96%, 75%, 92%
CMY	0.0392, 0.2510, 0.0784
CMYK	0.00, 0.22, 0.04, 0.04
HSL	311°, 73%, 85%
HSV	311°, 22%, 96%
XYZ	71.2824, 62.6722, 86.9372
YIQ	212.1620, 18.0600, 25.1320

Conversions

Conversions Part 2

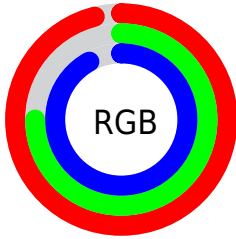
Format	Color
R _Y B	245, 191, 235
Decimal	16105451
CIE Lab	83.27, 26.39, -14.39
CIE LCh	83, 30.056, 331.397
Yxy	62.6722, 0.3227, 0.2837
Android (android.graphics.Color)	4294295531 (0xFFFF5BFEB)
YUV	212.1620, 11.2591, 28.7989
Hunter-Lab	79.1658, 22.1846, -9.6942

Details

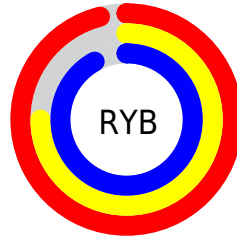
The RGB color **245, 191, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **191, 245, 201**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 248, 255**, and **188, 137, 179** is the 20% darker color. If you saturate the color by 10%, you get **245, 166, 230**, and if you desaturate by 10%, it is **245, 216, 240**.

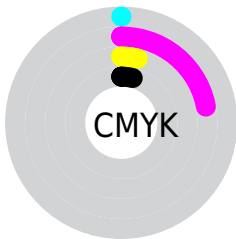
Distribution



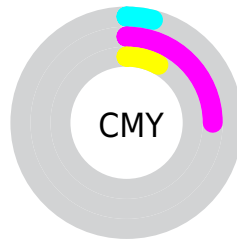
- Red (96%)
- Green (75%)
- Blue (92%)



- Red (96%)
- Yellow (75%)
- Blue (92%)



- Cyan (0%)
- Magenta (22%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 191, 235 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, 191, 235 by changing the saturation by 10% instead.

 245, 191, 235


255, 255, 255

 255, 248, 255

 245, 191, 235

 216, 164, 207

 188, 137, 179

 161, 111, 152

 134, 87, 126

 108, 63, 101

 83, 39, 77


 59, 17, 54

 38, 0, 33

 0, 0, 7

 245, 191, 235


 245, 191, 235

 245, 166, 230

 245, 216, 240

 245, 142, 226

 245, 240, 244

 245, 118, 221

 245, 255, 249


 245, 93, 217

 245, 255, 253

 245, 68, 212

 245, 255, 255

 245, 44, 208

 245, 19, 203

 245, 0, 200

Harmonies

Analogous

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



214, 200, 255



245, 191, 235



255, 187, 207

Triad

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



245, 191, 235



227, 206, 151



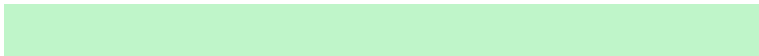
123, 222, 236

Complementary

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



245, 191, 235



191, 245, 201

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.



135, 223, 208



245, 191, 235



196, 215, 159

Square

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



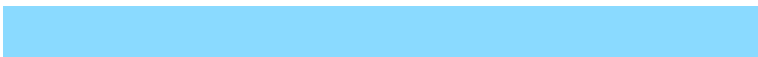
245, 191, 235



251, 197, 159



164, 221, 180



138, 218, 255

Rectangle

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



245, 191, 235



255, 188, 188



164, 221, 180



124, 223, 227

Sweetspot

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



245, 191, 235



255, 237, 252



201, 191, 245



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



245, 191, 235



255, 189, 243



245, 191, 208



122, 110, 120



186, 0, 152



59, 0, 48

Inverse Universe

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



245, 191, 235



255, 189, 243



191, 245, 228



122, 110, 120



186, 0, 152



59, 0, 48

Previews

White Background



This preview shows how the RGB color 245, 191, 235 looks on a white background.

Color Contrast Check

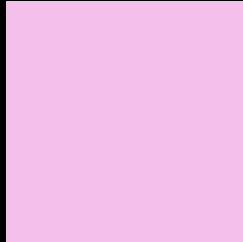
Large Text (above 18pt) WCAG AA × Fail

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, 191, 235 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, 191, 235 Background



This preview shows how black text looks on a background with the RGB color 245, 191, 235.

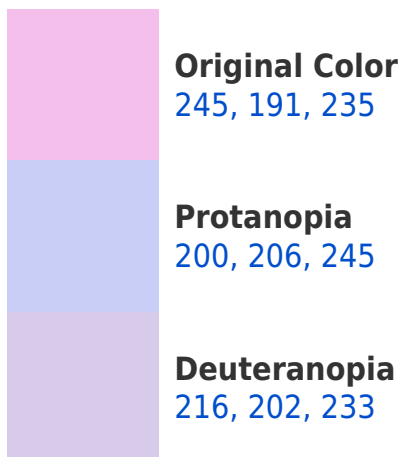



This preview shows how white text looks on a background with the RGB color 245, 191, 235.

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





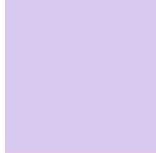
Tritanopia
242, 195, 210

Trichromacy



Original Color

245, 191, 235



Protanomaly

216, 201, 241



Deuteranomaly

227, 198, 234



Tritanomaly

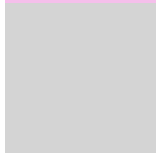
243, 194, 219

Monochromacy



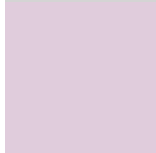
Original Color

245, 191, 235



Achromatopsia

212, 212, 212



Achromatomaly

224, 204, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 191, 235 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, 191, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 191, 235)  
}
```

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, 191, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 235) }
```

Border

The CSS property to change the border of an element to RGB 245, 191, 235 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, 191, 235) }
```

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

```
.border{ border-color:rgb(245, 191, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 191, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 245, 191, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 235) }
```

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

```
.background{ background-color: rgb(245,  
191, 235) }
```

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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