

Converting Colors

RGB(245, 187, 201)

Have a look what the booklet for
RGB(245, 187, 201) contains.

RGB(245, 187, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(245, 187, 201)

Conversions

Conversions Part 1

Format	Color
Hex	F5BBC9
RGB	245, 187, 201
RGB Percent	96%, 73%, 79%
CMY	0.0392, 0.2667, 0.2118
CMYK	0.00, 0.24, 0.18, 0.04
HSL	346°, 74%, 85%
HSV	346°, 24%, 96%
XYZ	65.9691, 59.1702, 63.2024
YIQ	205.9380, 30.0740, 16.6500

Conversions

Conversions Part 2

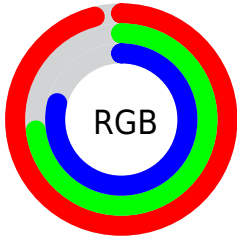
Format	Color
R _Y B	245, 187, 201
Decimal	16104393
CIE Lab	81.39, 22.93, 1.07
CIE LCh	81, 22.956, 2.672
Yxy	59.1702, 0.3503, 0.3142
Android (android.graphics.Color)	4294294473 (0xFFF5BBC9)
YUV	205.9380, -2.4344, 34.2574
Hunter-Lab	76.9221, 18.4694, 5.1304

Details

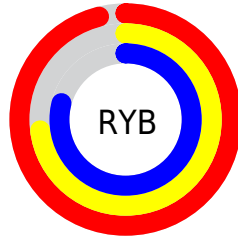
The RGB color **245, 187, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **187, 245, 231**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 243, 255**, and **188, 133, 147** is the 20% darker color. If you saturate the color by 10%, you get **245, 163, 182**, and if you desaturate by 10%, it is **245, 211, 220**.

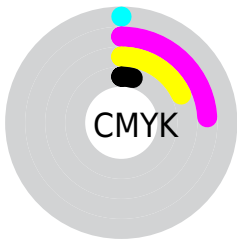
Distribution



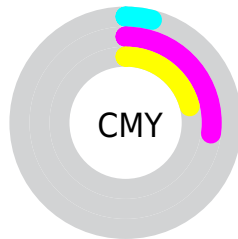
- Red (96%)
- Green (73%)
- Blue (79%)



- Red (96%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 187, 201 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, 187, 201 by changing the saturation by 10% instead.


 245, 187, 201


 245, 187, 201

255, 255, 255

 216, 160, 174

 255, 243, 255

 188, 133, 147

 160, 108, 121

 134, 83, 97

 108, 59, 73

 82, 37, 50

 58, 15, 30

 39, 0, 3


 0, 0, 0

 245, 187, 201

 245, 187, 201

 245, 163, 182

 245, 211, 220

 245, 138, 164

 245, 236, 238

 245, 114, 145

 245, 255, 255

 245, 89, 127

 245, 64, 108

 245, 40, 89

 245, 15, 71

 245, 0, 59

Harmonies

Analogous

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



232, 190, 222



245, 187, 201



246, 189, 180

Triad

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



245, 187, 201



193, 208, 166



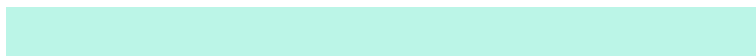
155, 210, 240

Complementary

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



245, 187, 201



187, 245, 231

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.



143, 214, 225



245, 187, 201



169, 213, 182

Square

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



245, 187, 201



217, 201, 159



150, 215, 203



180, 203, 245

Rectangle

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



245, 187, 201



240, 192, 169



150, 215, 203



149, 211, 236

Sweetspot

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



245, 187, 201



255, 237, 241



231, 187, 245



128, 117, 120



0, 0, 0



128, 128, 128

Same Dimension

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



245, 187, 201



255, 184, 201



245, 202, 187



122, 110, 113



186, 0, 45



59, 0, 14

Inverse Universe

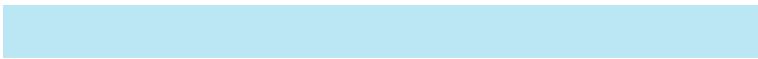
The Inverse Universe completely reimagines the original color for something new.



245, 187, 201



255, 184, 201



187, 231, 245



122, 110, 113



186, 0, 45



59, 0, 14

Previews

White Background



This preview shows how the RGB color 245, 187, 201 looks on a white background.

Color Contrast Check

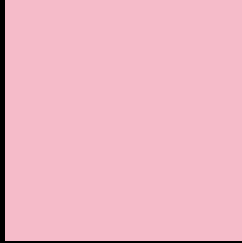
Large Text (above 18pt) WCAG AA × Fail

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, 187, 201 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, 187, 201 Background



This preview shows how black text looks on a background with the RGB color 245, 187, 201.



This preview shows how white text looks on a background with the RGB color 245, 187, 201.

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



Original Color
245, 187, 201

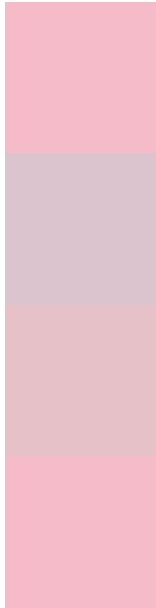
Protanopia
204, 201, 209

Deuteranopia
223, 196, 199



Tritanopia
245, 187, 201

Trichromacy



Original Color
245, 187, 201

Protanomaly
219, 196, 206

Deuteranomaly
231, 193, 200

Tritanomaly
245, 187, 201

Monochromacy



Original Color
245, 187, 201

Achromatopsia
206, 206, 206

Achromatomaly
220, 199, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 187, 201 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, 187, 201) looks like.

```
.text, #text, p{  
    color:rgb(245, 187, 201)  
}
```

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, 187, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 187, 201) }
```

Border

The CSS property to change the border of an element to RGB 245, 187, 201 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, 187, 201) }
```

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

```
.border{ border-color:rgb(245, 187, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 187, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 187, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 187, 201);  
box-shadow:4px 4px 4px 4px rgb(245, 187,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 245, 187, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 187, 201) }
```

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

```
.background{ background-color: rgb(245,  
187, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor