

Converting Colors

RGB(235, 185, 217)

Have a look what the booklet for
RGB(235, 185, 217) contains.

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Color

RGB(235, 185, 217)

Conversions

Conversions Part 1

Format	Color
Hex	EBB9D9
RGB	235, 185, 217
RGB Percent	92%, 73%, 85%
CMY	0.0784, 0.2745, 0.1490
CMYK	0.00, 0.21, 0.08, 0.08
HSL	322°, 56%, 82%
HSV	322°, 21%, 92%
XYZ	64.1343, 57.3698, 73.3389
YIQ	203.5980, 19.5280, 20.5520

Conversions

Conversions Part 2

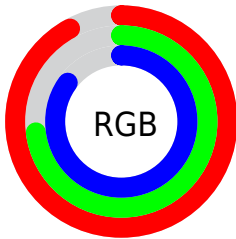
Format	Color
R _Y B	235, 185, 217
Decimal	15448537
CIE Lab	80.39, 23.09, -9.13
CIE LCh	80, 24.830, 338.423
Yxy	57.3698, 0.3292, 0.2944
Android (android.graphics.Color)	4293638617 (0xFFEBB9D9)
YUV	203.5980, 6.6072, 27.5396
Hunter-Lab	75.7429, 18.5925, -4.3882

Details

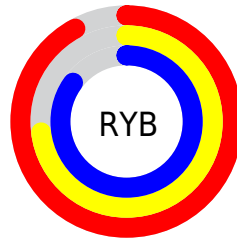
The RGB color **235, 185, 217** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 235, 203**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 241, 255**, and **179, 132, 162** is the 20% darker color. If you saturate the color by 10%, you get **235, 162, 209**, and if you desaturate by 10%, it is **235, 209, 225**.

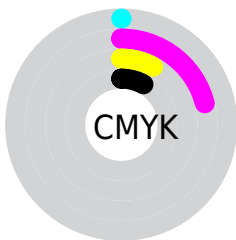
Distribution



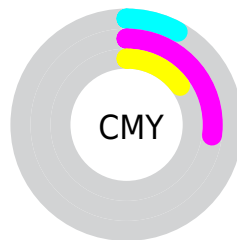
- Red (92%)
- Green (73%)
- Blue (85%)



- Red (92%)
- Yellow (73%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 235, 185, 217 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 235, 185, 217 by changing the saturation by 10% instead.


 235, 185, 217


 235, 185, 217

255, 255, 255

 207, 158, 189

 255, 241, 255

 179, 132, 162

 152, 106, 136

 125, 82, 111

 100, 58, 86

 75, 35, 63


 52, 13, 41

 33, 0, 21

 0, 0, 0

 235, 185, 217

 235, 185, 217

 235, 162, 209

 235, 209, 225

 235, 138, 200

 235, 232, 234

 235, 115, 192

 235, 255, 242


 235, 91, 183

 235, 255, 251

 235, 68, 175

 235, 255, 255

 235, 44, 166

 235, 21, 158

 235, 0, 150

Harmonies

Analogous

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



212, 191, 236



235, 185, 217



247, 183, 194

Triad

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



235, 185, 217



210, 200, 154



135, 211, 227

Complementary

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



235, 185, 217



185, 235, 203

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.



139, 213, 205



235, 185, 217



184, 207, 163

Square

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



235, 185, 217



232, 192, 157



158, 211, 182



151, 206, 242

Rectangle

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



235, 185, 217



247, 184, 178



158, 211, 182



134, 212, 221

Sweetspot

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



235, 185, 217



255, 240, 249



203, 185, 235



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



235, 185, 217



255, 189, 231



235, 185, 193



117, 106, 113



181, 0, 116



54, 0, 34

Inverse Universe

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



235, 185, 217



255, 189, 231



185, 235, 227



117, 106, 113



181, 0, 116



54, 0, 34

Previews

White Background



This preview shows how the RGB color 235, 185, 217 looks on a white background.

Color Contrast Check

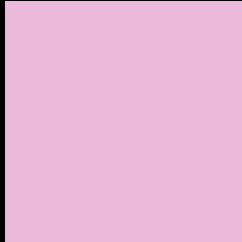
Large Text (above 18pt) WCAG AA × Fail

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 235, 185, 217 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 235, 185, 217 Background



This preview shows how black text looks on a background with the RGB color 235, 185, 217.



This preview shows how white text looks on a background with the RGB color 235, 185, 217.

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
235, 185, 217

Protanopia
196, 198, 225

Deuteranopia
212, 194, 215



Tritanopia
233, 188, 202

Trichromacy



Original Color

235, 185, 217



Protanomaly

210, 193, 222



Deuteranomaly

220, 191, 216



Tritanomaly

234, 187, 207

Monochromacy



Original Color

235, 185, 217



Achromatopsia

204, 204, 204



Achromatomaly

215, 197, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 185, 217 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(235, 185, 217) looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 217)  
}
```

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(235, 185, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 217) }
```

Border

The CSS property to change the border of an element to RGB 235, 185, 217 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(235, 185, 217) }
```

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

```
.border{ border-color:rgb(235, 185, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 185, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 235, 185, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 217) }
```

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

```
.background{ background-color: rgb(235,  
185, 217) }
```

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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