

Converting Colors

RGB(235, 187, 213)

Have a look what the booklet for
RGB(235, 187, 213) contains.

RGB(235, 187, 213)	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(235, 187, 213)

Conversions

Conversions Part 1

Format	Color
Hex	EBBBD5
RGB	235, 187, 213
RGB Percent	92%, 73%, 84%
CMY	0.0784, 0.2667, 0.1647
CMYK	0.00, 0.20, 0.09, 0.08
HSL	328°, 55%, 83%
HSV	328°, 20%, 92%
XYZ	64.0415, 58.0069, 70.7719
YIQ	204.3160, 20.2620, 18.2620

Conversions

Conversions Part 2

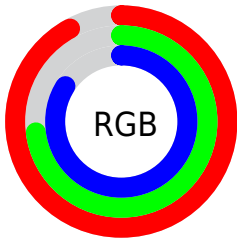
Format	Color
R_{YB}	235, 187, 213
Decimal	15449045
CIE Lab	80.74, 21.35, -6.45
CIE LCh	81, 22.299, 343.191
Yxy	58.0069, 0.3321, 0.3008
Android (android.graphics.Color)	4293639125 (0xFFE8BBD5)
YUV	204.3160, 4.2812, 26.9099
Hunter-Lab	76.1623, 16.8089, -1.7802

Details

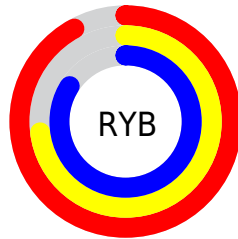
The RGB color **235, 187, 213** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **187, 235, 209**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 243, 255**, and **179, 134, 158** is the 20% darker color. If you saturate the color by 10%, you get **235, 164, 202**, and if you desaturate by 10%, it is **235, 211, 224**.

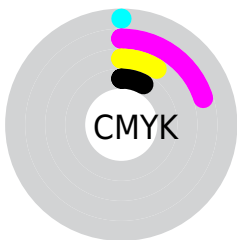
Distribution



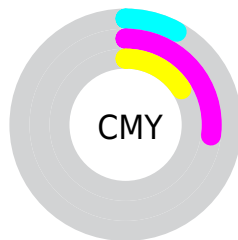
- Red (92%)
- Green (73%)
- Blue (84%)



- Red (92%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 187, 213 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, 187, 213 by changing the saturation by 10% instead.

 235, 187, 213

255, 255, 255

 255, 243, 255

 235, 187, 213

 207, 160, 185

 179, 134, 158

 152, 108, 132

 125, 83, 107

 100, 60, 83

 75, 37, 60

 52, 16, 38

 33, 0, 18

 0, 0, 0

■ 235, 187, 213

■ 235, 187, 213

■ 235, 164, 202

■ 235, 211, 224

■ 235, 140, 191

■ 235, 234, 235

■ 235, 117, 181

■ 235, 255, 245

■ 235, 93, 170

■ 235, 255, 255

■ 235, 70, 159

■ 235, 46, 148

■ 235, 23, 138

■ 235, 0, 127

Harmonies

Analogous

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



215, 192, 231



235, 187, 213



244, 186, 192

Triad

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



235, 187, 213



207, 202, 160



145, 211, 228

Complementary

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



235, 187, 213



187, 235, 209

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.



146, 212, 209



235, 187, 213



183, 208, 170

Square

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



235, 187, 213



227, 195, 161



161, 212, 188



162, 206, 240

Rectangle

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



235, 187, 213



243, 187, 179



161, 212, 188



143, 211, 222

Sweetspot

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



235, 187, 213



255, 240, 248



209, 187, 235



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

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



235, 187, 213



255, 191, 226



235, 187, 189



117, 106, 112



181, 0, 98



54, 0, 29

Inverse Universe

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



235, 187, 213



255, 191, 226



187, 235, 233



117, 106, 112



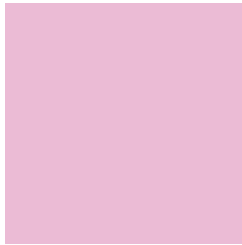
181, 0, 98



54, 0, 29

Previews

White Background



This preview shows how the RGB color 235, 187, 213 looks on a white background.

Color Contrast Check

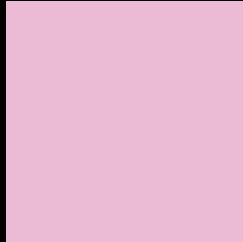
Large Text (above 18pt) WCAG AA × Fail

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, 187, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

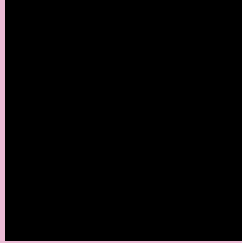
Any Text WCAG AA ✓ Pass

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, 187, 213 Background



This preview shows how black text looks on a background with the RGB color 235, 187, 213.



This preview shows how white text looks on a background with the RGB color 235, 187, 213.

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, 187, 213

Protanopia
198, 199, 221

Deuteranopia
215, 195, 212



Tritanopia
234, 189, 203

Trichromacy



Original Color
235, 187, 213

Protanomaly
211, 195, 218

Deuteranomaly
222, 192, 212

Tritanomaly
234, 188, 207

Monochromacy



Original Color
235, 187, 213

Achromatopsia
204, 204, 204

Achromatomaly
215, 198, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 187, 213 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, 187, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 187, 213)  
}
```

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, 187, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 213) }
```

Border

The CSS property to change the border of an element to RGB 235, 187, 213 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, 187, 213) }
```

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

```
.border{ border-color:rgb(235, 187, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 187, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 187, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 187, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 187,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 235, 187, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 187, 213) }
```

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

```
.background{ background-color: rgb(235,  
187, 213) }
```

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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