

Converting Colors

`RYB(235, 137, 165)`

Have a look what the booklet for
RYB(235, 137, 165) contains.

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Color

R_YB(235, 137, 165)

Conversions

Conversions Part 1

Format	Color
Hex	EB89A5
RGB	235, 137, 165
RGB Percent	92%, 54%, 65%
CMY	0.0784, 0.4627, 0.3529
CMYK	0.00, 0.42, 0.30, 0.08
HSL	343°, 71%, 73%
HSV	343°, 42%, 92%
XYZ	49.9981, 38.2701, 40.3490
YIQ	169.4940, 49.4200, 29.4840

Conversions

Conversions Part 2

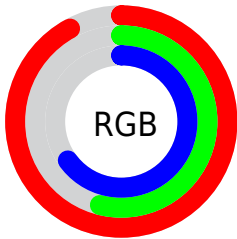
Format	Color
R _Y B	235, 137, 165
Decimal	15436197
CIE Lab	68.22, 40.61, 1.55
CIE LCh	68, 40.638, 2.187
Yxy	38.2701, 0.3887, 0.2976
Android (android.graphics.Color)	4293626277 (0xFFEB89A5)
YUV	169.4940, -2.2155, 57.4488
Hunter-Lab	61.8628, 36.0055, 4.6331

Details

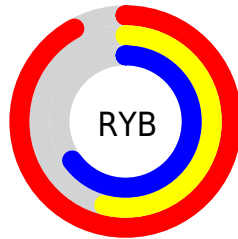
The RYB color **235, 137, 165** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **137, 194, 235**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 192, 220**, and **177, 85, 113** is the 20% darker color. If you saturate the color by 10%, you get **235, 114, 148**, and if you desaturate by 10%, it is **235, 161, 182**.

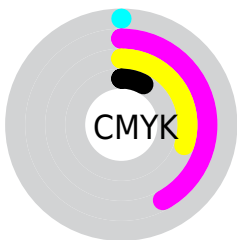
Distribution



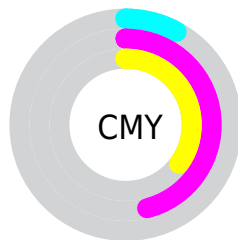
- Red (92%)
- Green (54%)
- Blue (65%)



- Red (92%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (42%)
- Yellow (30%)
- Black (8%)




- Cyan (8%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 137, 165 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 RYB color 235, 137, 165 by changing the saturation by 10% instead.

 235, 137, 165

 235, 137, 165

255, 255, 255

 206, 111, 139


 255, 192, 220

 177, 85, 113

 255, 220, 248

 149, 59, 89

 255, 249, 255

 121, 33, 66


 94, 1, 44

 67, 0, 23

 45, 0, 1

 0, 0, 0

 235, 137, 165

 235, 137, 165

■ 235, 114, 148

■ 235, 161, 182

■ 235, 90, 131

■ 235, 184, 199

■ 235, 66, 115

■ 235, 208, 215

■ 235, 43, 98

■ 235, 231, 232

■ 235, 19, 81

■ 235, 247, 255

■ 235, 0, 67

■ 235, 245, 255

Harmonies

Analogous

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



215, 143, 201



235, 137, 165



235, 143, 129

Triad

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



235, 137, 165



103, 176, 130



28, 114, 230

Complementary

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



235, 137, 165



137, 194, 235

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.



0, 97, 204



235, 137, 165



104, 163, 183

Square

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



235, 137, 165



121, 187, 92



42, 119, 186



115, 153, 239

Rectangle

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



235, 137, 165



225, 167, 110



42, 119, 186



0, 100, 223

Sweetspot

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



235, 137, 165



255, 222, 231



206, 137, 235



128, 107, 113



0, 0, 0



128, 128, 128

Same Dimension

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



235, 137, 165



255, 128, 164



235, 162, 137



117, 106, 109



181, 0, 52



54, 0, 15

Inverse Universe

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



235, 137, 165



255, 128, 164



137, 180, 235



117, 106, 109



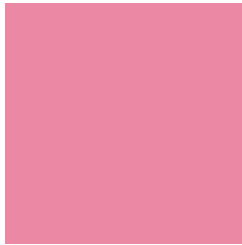
181, 0, 52



54, 0, 15

Previews

White Background



This preview shows how the RYB color 235, 137, 165 looks on a white background.

Color Contrast Check

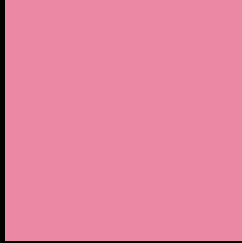
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 235, 137, 165 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](#).

RYB 235, 137, 165 Background



This preview shows how black text looks on a background with the RYB color 235, 137, 165.



This preview shows how white text looks on a background with the RYB color 235, 137, 165.

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, 137, 165

Protanopia
165, 166, 182

Deuteranopia
185, 161, 161



Tritanopia
234, 140, 150

Trichromacy



Original Color

235, 137, 165



Protanomaly

190, 155, 176



Deuteranomaly

203, 152, 162



Tritanomaly

234, 139, 155

Monochromacy



Original Color

235, 137, 165



Achromatopsia

169, 169, 169



Achromatomaly

193, 157, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 137, 165 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, 137, 165) looks like.

```
.text, #text, p{  
    color:rgb(235, 137, 165)  
}
```

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, 137, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 137, 165) }
```

Border

The CSS property to change the border of an element to RYB 235, 137, 165 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, 137, 165) }
```

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

```
.border{ border-color:rgb(235, 137, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 137, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 137, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 137, 165);  
box-shadow:4px 4px 4px 4px rgb(235, 137,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 235, 137, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 137, 165) }
```

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

```
.background{ background-color: rgb(235,  
137, 165) }
```

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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