

Converting Colors

RGB(235, 129, 167)

Have a look what the booklet for
RGB(235, 129, 167) contains.

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Color

RGB(235, 129, 167)

Conversions

Conversions Part 1

Format	Color
Hex	EB81A7
RGB	235, 129, 167
RGB Percent	92%, 51%, 65%
CMY	0.0784, 0.4941, 0.3451
CMYK	0.00, 0.45, 0.29, 0.08
HSL	338°, 73%, 71%
HSV	338°, 45%, 92%
XYZ	49.0863, 36.1527, 40.9503
YIQ	165.0260, 50.9780, 34.2900

Conversions

Conversions Part 2

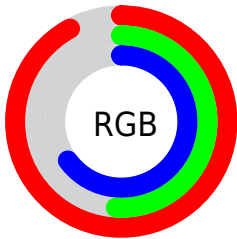
Format	Color
R_{YB}	235, 129, 167
Decimal	15434151
CIE Lab	66.64, 44.96, -1.89
CIE LCh	67, 45.002, 357.595
Yxy	36.1527, 0.3890, 0.2865
Android (android.graphics.Color)	4293624231 (0xFFEB81A7)
YUV	165.0260, 0.9732, 61.3672
Hunter-Lab	60.1271, 40.5004, 1.7089

Details

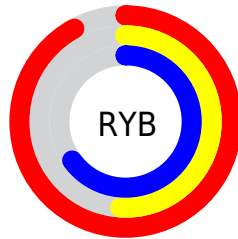
The RGB color **235, 129, 167** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **129, 235, 197**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 184, 222**, and **177, 76, 115** is the 20% darker color. If you saturate the color by 10%, you get **235, 106, 152**, and if you desaturate by 10%, it is **235, 153, 182**.

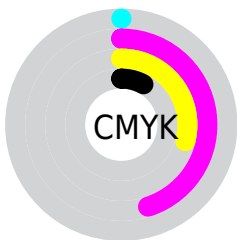
Distribution



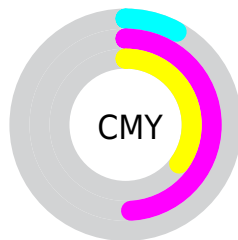
- Red (92%)
- Green (51%)
- Blue (65%)



- Red (92%)
- Yellow (51%)
- Blue (65%)



- Cyan (0%)
- Magenta (45%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 129, 167 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, 129, 167 by changing the saturation by 10% instead.

 235, 129, 167

255, 255, 255

 255, 184, 222

 255, 212, 251

 255, 241, 255

 235, 129, 167

 206, 102, 141

 177, 76, 115

 148, 50, 91

 120, 21, 67

 93, 0, 45

 67, 0, 25

 43, 0, 1

 0, 0, 0

 235, 129, 167

 235, 129, 167

■ 235, 106, 152

■ 235, 153, 182

■ 235, 82, 137

■ 235, 176, 197

■ 235, 58, 122

■ 235, 200, 212

■ 235, 35, 107

■ 235, 223, 227

■ 235, 12, 92

■ 235, 247, 242

■ 235, 0, 84

■ 235, 255, 255

Harmonies

Analogous

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



209, 138, 206



235, 129, 167



238, 132, 127

Triad

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



235, 129, 167



149, 171, 88



0, 177, 229

Complementary

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



235, 129, 167



129, 235, 197

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, 182, 198



235, 129, 167



99, 179, 117

Square

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



235, 129, 167



190, 159, 79



0, 183, 157



86, 167, 243

Rectangle

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



235, 129, 167



228, 139, 104



0, 183, 157



0, 180, 221

Sweetspot

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



235, 129, 167



255, 219, 232



196, 129, 235



128, 106, 114



0, 0, 0



128, 128, 128

Same Dimension

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



235, 129, 167



255, 117, 167



235, 143, 129



117, 106, 110



181, 0, 65



54, 0, 19

Inverse Universe

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



235, 129, 167



255, 117, 167



129, 221, 235



117, 106, 110



181, 0, 65



54, 0, 19

Previews

White Background



This preview shows how the RGB color 235, 129, 167 looks on a white background.

Color Contrast Check

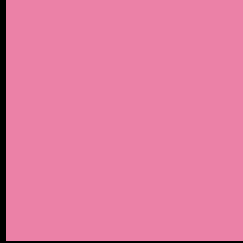
Large Text (above 18pt) WCAG AA × Fail

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, 129, 167 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, 129, 167 Background



This preview shows how black text looks on a background with the RGB color 235, 129, 167.



This preview shows how white text looks on a background with the RGB color 235, 129, 167.

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, 129, 167

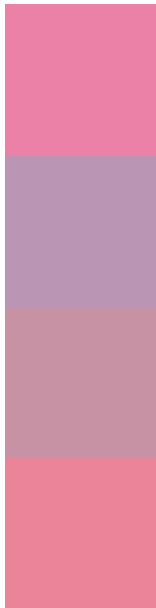
Protanopia
158, 161, 187

Deuteranopia
178, 157, 162



Tritanopia
233, 133, 143

Trichromacy



Original Color
235, 129, 167

Protanomaly
186, 149, 180

Deuteranomaly
199, 147, 164

Tritanomaly
234, 132, 152

Monochromacy



Original Color
235, 129, 167

Achromatopsia
165, 165, 165

Achromatomaly
190, 152, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 129, 167 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, 129, 167)` looks like.

```
.text, #text, p{  
    color:rgb(235, 129, 167)  
}
```

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, 129, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 129, 167) }
```

Border

The CSS property to change the border of an element to RGB 235, 129, 167 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, 129, 167) }
```

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

```
.border{ border-color:rgb(235, 129, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 129, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 129, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 129, 167);  
box-shadow:4px 4px 4px 4px rgb(235, 129,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 235, 129, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 129, 167) }
```

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

```
.background{ background-color: rgb(235,  
129, 167) }
```

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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