

Converting Colors

RGB(235, 189, 254)

Have a look what the booklet for
RGB(235, 189, 254) contains.

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Color

RGB(235, 189, 254)

Conversions

Conversions Part 1

Format	Color
Hex	EBBDFE
RGB	235, 189, 254
RGB Percent	92%, 74%, 100%
CMY	0.0784, 0.2588, 0.0039
CMYK	0.07, 0.26, 0.00, 0.00
HSL	282°, 97%, 87%
HSV	282°, 26%, 100%
XYZ	70.3479, 61.2131, 101.8735
YIQ	210.1640, 6.5510, 29.9670

Conversions

Conversions Part 2

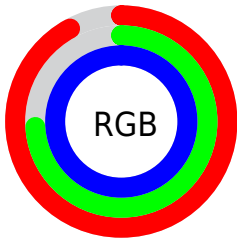
Format	Color
R _Y B	235, 189, 254
Decimal	15449598
CIE Lab	82.49, 27.74, -25.80
CIE LCh	82, 37.882, 317.079
Yxy	61.2131, 0.3014, 0.2622
Android (android.graphics.Color)	4293639678 (0xFFE8BDFE)
YUV	210.1640, 21.6111, 21.7812
Hunter-Lab	78.2388, 23.5792, -22.4334

Details

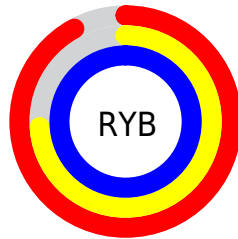
The RGB color **235, 189, 254** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208, 254, 189**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 246, 255**, and **179, 135, 197** is the 20% darker color. If you saturate the color by 10%, you get **228, 164, 254**, and if you desaturate by 10%, it is **242, 214, 254**.

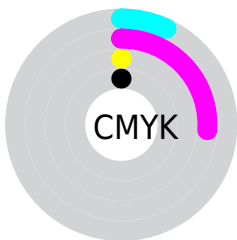
Distribution



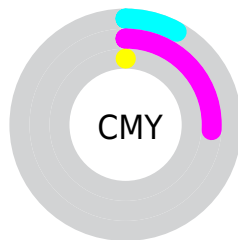
- Red (92%)
- Green (74%)
- Blue (100%)



- Red (92%)
- Yellow (74%)
- Blue (100%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 189, 254 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, 189, 254 by changing the saturation by 10% instead.

 235, 189, 254

255, 255, 255

 255, 246, 255

 235, 189, 254


 206, 162, 225


 179, 135, 197

 151, 110, 170


 125, 85, 143

 99, 61, 117

 75, 38, 93

 51, 16, 69

 30, 0, 46

 0, 1, 25

■ 235, 189, 254

■ 235, 189, 254

■ 228, 164, 254

■ 242, 214, 254

■ 220, 138, 254

■ 250, 240, 254

■ 213, 113, 254

255, 255, 254

■ 205, 87, 254

■ 198, 62, 254

■ 190, 37, 254

■ 183, 11, 254

■ 180, 0, 254

Harmonies

Analogous

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



188, 202, 255



235, 189, 254



255, 180, 222

Triad

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



235, 189, 254



243, 198, 136



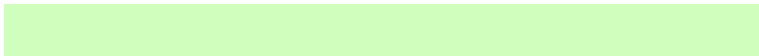
89, 225, 225

Complementary

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



235, 189, 254



208, 254, 189

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.



126, 224, 188



235, 189, 254



209, 210, 136

Square

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



235, 189, 254



255, 186, 155



169, 219, 156



88, 221, 255

Rectangle

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



235, 189, 254



255, 178, 198



169, 219, 156



100, 225, 213

Sweetspot

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



235, 189, 254



249, 235, 255



189, 209, 254



124, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 189, 254



232, 176, 255



254, 189, 241



124, 115, 128



135, 0, 191



45, 0, 64

Inverse Universe

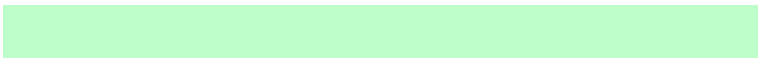
The Inverse Universe completely reimagines the original color for something new.



254, 189, 208



255, 176, 199



189, 254, 202



128, 115, 118



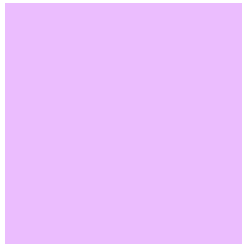
191, 0, 56



64, 0, 19

Previews

White Background



This preview shows how the RGB color 235, 189, 254 looks on a white background.

Color Contrast Check

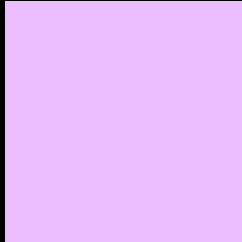
Large Text (above 18pt) WCAG AA × Fail

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, 189, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

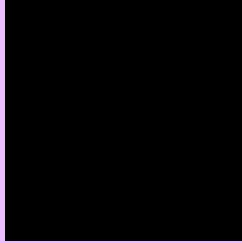
Any Text WCAG AA ✓ Pass

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, 189, 254 Background



This preview shows how black text looks on a background with the RGB color 235, 189, 254.

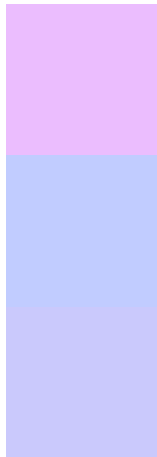


This preview shows how white text looks on a background with the RGB color 235, 189, 254.

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, 189, 254

Protanopia
193, 204, 255

Deuteranopia
202, 201, 252



Tritanopia
229, 197, 212

Trichromacy



Original Color

235, 189, 254



Protanomaly

208, 199, 255



Deuteranomaly

214, 197, 253



Tritanomaly

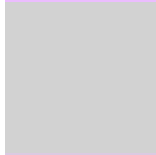
231, 194, 227

Monochromacy



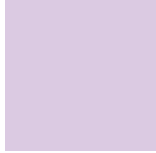
Original Color

235, 189, 254



Achromatopsia

210, 210, 210



Achromatomaly

219, 202, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 189, 254 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, 189, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 189, 254)  
}
```

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, 189, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 189, 254) }
```

Border

The CSS property to change the border of an element to RGB 235, 189, 254 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, 189, 254) }
```

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

```
.border{ border-color:rgb(235, 189, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 189, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 189, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 189, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 189,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 235, 189, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 189, 254) }
```

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

```
.background{ background-color: rgb(235,  
189, 254) }
```

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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