

Converting Colors

RGB(235, 176, 251)

Have a look what the booklet for
RGB(235, 176, 251) contains.

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Color

RGB(235, 176, 251)

Conversions

Conversions Part 1

Format	Color
Hex	EBB0FB
RGB	235, 176, 251
RGB Percent	92%, 69%, 98%
CMY	0.0784, 0.3098, 0.0157
CMYK	0.06, 0.30, 0.00, 0.02
HSL	287°, 90%, 84%
HSV	287°, 30%, 98%
XYZ	67.1989, 55.6779, 98.4719
YIQ	202.1910, 11.0890, 35.8330

Conversions

Conversions Part 2

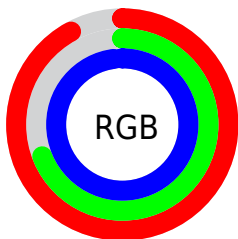
Format	Color
R _Y B	235, 176, 251
Decimal	15446267
CIE _{Lab}	79.43, 34.09, -28.88
CIE _{LCh}	79, 44.677, 319.735
Yxy	55.6779, 0.3036, 0.2515
Android (android.graphics.Color)	4293636347 (0xFFEBB0FB)
YUV	202.1910, 24.0628, 28.7735
Hunter-Lab	74.6176, 30.1721, -26.0120

Details

The RGB color **235, 176, 251** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192, 251, 176**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 232, 255**, and **178, 123, 194** is the 20% darker color. If you saturate the color by 10%, you get **230, 151, 251**, and if you desaturate by 10%, it is **240, 201, 251**.

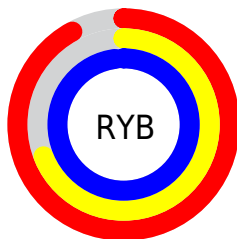
Distribution



Red (92%)

Green (69%)

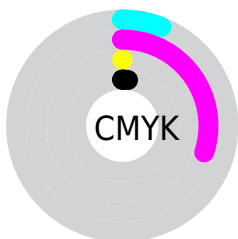
Blue (98%)



Red (92%)

Yellow (69%)

Blue (98%)

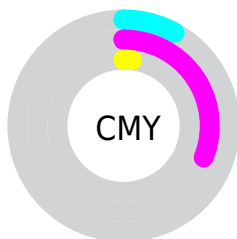


Cyan (6%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (8%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 176, 251 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, 176, 251 by changing the saturation by 10% instead.

 235, 176, 251


255, 255, 255

 255, 232, 255

 235, 176, 251

 206, 149, 222

 178, 123, 194


 151, 97, 167

 124, 72, 140

 99, 48, 115

 73, 25, 90

 49, 0, 66

 31, 0, 44

 0, 1, 22

■ 235, 176, 251

■ 235, 176, 251

■ 230, 151, 251

■ 240, 201, 251

■ 224, 126, 251

■ 246, 226, 251

■ 219, 101, 251

■ 251, 251, 251

■ 214, 76, 251

■ 255, 255, 251

■ 208, 51, 251

■ 203, 25, 251

■ 198, 0, 251

■ 197, 0, 251

Harmonies

Analogous

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



180, 191, 255



235, 176, 251



255, 165, 213

Triad

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



235, 176, 251



236, 189, 114



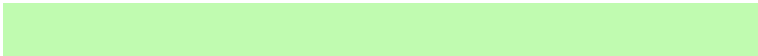
0, 219, 223

Complementary

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



235, 176, 251



192, 251, 176

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.



91, 218, 181



235, 176, 251



196, 203, 117

Square

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



235, 176, 251



255, 175, 135



148, 213, 141



0, 215, 255

Rectangle

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



235, 176, 251



255, 164, 185



148, 213, 141



38, 219, 209

Sweetspot

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



235, 176, 251



250, 232, 255



176, 192, 251



125, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 176, 251



235, 163, 255



251, 176, 230



122, 112, 125



148, 0, 189



48, 0, 61

Inverse Universe

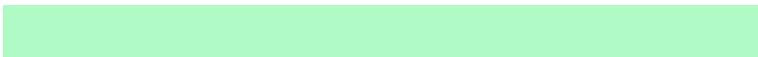
The Inverse Universe completely reimagines the original color for something new.



251, 176, 192



255, 163, 183



176, 251, 197



125, 112, 115



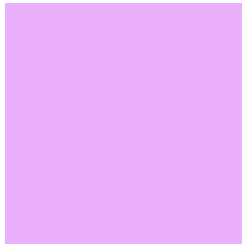
189, 0, 40



61, 0, 13

Previews

White Background



This preview shows how the RGB color 235, 176, 251 looks on a white background.

Color Contrast Check

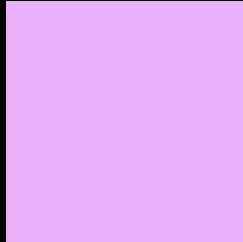
Large Text (above 18pt) WCAG AA × Fail

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, 176, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

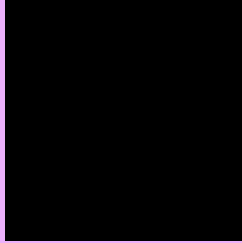
Any Text WCAG AA ✓ Pass

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, 176, 251 Background



This preview shows how black text looks on a background with the RGB color 235, 176, 251.



This preview shows how white text looks on a background with the RGB color 235, 176, 251.

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, 176, 251

Protanopia
181, 195, 255

Deuteranopia
190, 193, 248



Tritanopia
228, 186, 200

Trichromacy



Original Color

235, 176, 251



Protanomaly

201, 188, 254



Deuteranomaly

206, 187, 249



Tritanomaly

231, 182, 219

Monochromacy



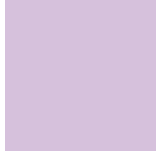
Original Color

235, 176, 251



Achromatopsia

202, 202, 202



Achromatomaly

214, 193, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 176, 251 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, 176, 251)` looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 251)  
}
```

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, 176, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 251) }
```

Border

The CSS property to change the border of an element to RGB 235, 176, 251 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, 176, 251) }
```

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

```
.border{ border-color:rgb(235, 176, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 176, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 176, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 176, 251);  
box-shadow:4px 4px 4px 4px rgb(235, 176,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 235, 176, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 176, 251) }
```

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

```
.background{ background-color: rgb(235,  
176, 251) }
```

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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