

Converting Colors

RGB(235, 157, 250)

Have a look what the booklet for
RGB(235, 157, 250) contains.

RGB(235, 157, 250)	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, 157, 250)

Conversions

Conversions Part 1

Format	Color
Hex	EB9DFA
RGB	235, 157, 250
RGB Percent	92%, 62%, 98%
CMY	0.0784, 0.3843, 0.0196
CMYK	0.06, 0.37, 0.00, 0.02
HSL	290°, 90%, 80%
HSV	290°, 37%, 98%
XYZ	63.5732, 48.6782, 96.4876
YIQ	190.9240, 16.6350, 45.4590

Conversions

Conversions Part 2

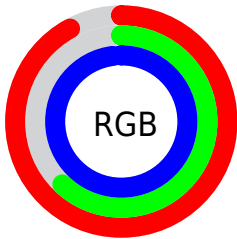
Format	Color
R _Y B	235, 157, 250
Decimal	15441402
CIE Lab	75.25, 43.95, -34.77
CIE LCh	75, 56.041, 321.646
Yxy	48.6782, 0.3046, 0.2332
Android (android.graphics.Color)	4293631482 (0xFFEB9DFA)
YUV	190.9240, 29.1245, 38.6547
Hunter-Lab	69.7698, 40.5495, -33.1558

Details

The RGB color **235, 157, 250** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **172, 250, 157**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 213, 255**, and **178, 104, 193** is the 20% darker color. If you saturate the color by 10%, you get **231, 132, 250**, and if you desaturate by 10%, it is **239, 182, 250**.

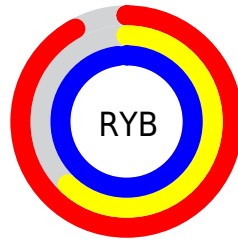
Distribution



Red (92%)

Green (62%)

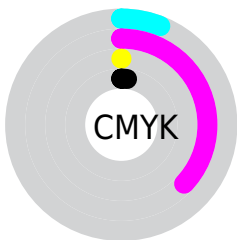
Blue (98%)



Red (92%)

Yellow (62%)

Blue (98%)

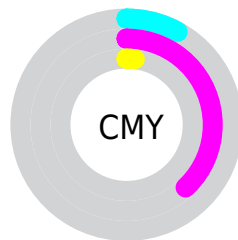


Cyan (6%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (8%)


Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 157, 250 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, 157, 250 by changing the saturation by 10% instead.

 235, 157, 250

 235, 157, 250


255, 255, 255


 206, 130, 221

 255, 213, 255


 178, 104, 193

 255, 242, 255

 150, 78, 166

 123, 53, 139

 97, 27, 113

 71, 0, 88

 46, 0, 65

 22, 0, 42

 0, 1, 20

■ 235, 157, 250

■ 235, 157, 250

■ 231, 132, 250

■ 239, 182, 250

■ 227, 107, 250

■ 243, 207, 250

■ 223, 82, 250

■ 247, 232, 250

■ 219, 57, 250

■ 251, 255, 250

■ 215, 32, 250

■ 255, 255, 250

■ 211, 7, 250

■ 210, 0, 250

Harmonies

Analogous

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



165, 177, 255



235, 157, 250



255, 143, 202

Triad

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



235, 157, 250



228, 177, 80



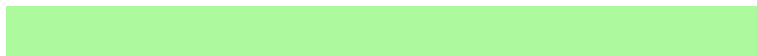
0, 211, 222

Complementary

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



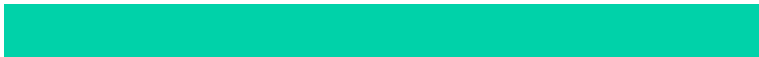
235, 157, 250



172, 250, 157

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, 210, 169



235, 157, 250



178, 194, 85

Square

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



235, 157, 250



255, 158, 106



117, 205, 119



0, 206, 255

Rectangle

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



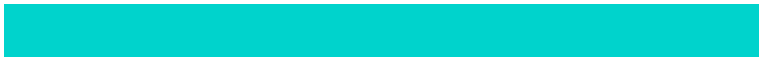
235, 157, 250



255, 141, 167



117, 205, 119



0, 211, 204

Sweetspot

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



235, 157, 250



250, 227, 255



157, 173, 250



125, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 157, 250



236, 140, 255



250, 157, 219



123, 112, 125



158, 0, 189



51, 0, 61

Inverse Universe

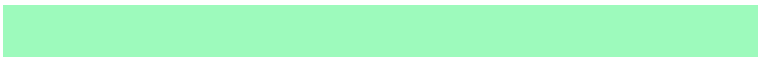
The Inverse Universe completely reimagines the original color for something new.



250, 157, 172



255, 140, 159



157, 250, 188



125, 112, 114



189, 0, 30



61, 0, 10

Previews

White Background



This preview shows how the RGB color 235, 157, 250 looks on a white background.

Color Contrast Check

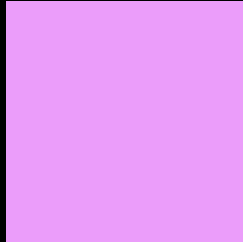
Large Text (above 18pt) WCAG AA × Fail

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, 157, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

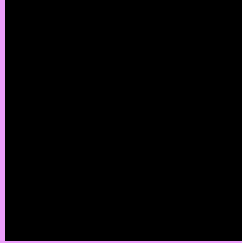
Any Text WCAG AA ✓ Pass

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, 157, 250 Background



This preview shows how black text looks on a background with the RGB color 235, 157, 250.



This preview shows how white text looks on a background with the RGB color 235, 157, 250.

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, 157, 250

Protanopia
164, 183, 255

Deuteranopia
171, 183, 245



Tritanopia
226, 171, 184

Trichromacy



Original Color

235, 157, 250



Protanomaly

190, 174, 253



Deuteranomaly

194, 174, 247



Tritanomaly

229, 166, 208

Monochromacy



Original Color

235, 157, 250



Achromatopsia

191, 191, 191



Achromatomaly

207, 179, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 157, 250 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, 157, 250)` looks like.

```
.text, #text, p{  
    color:rgb(235, 157, 250)  
}
```

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, 157, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 157, 250) }
```

Border

The CSS property to change the border of an element to RGB 235, 157, 250 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, 157, 250) }
```

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

```
.border{ border-color:rgb(235, 157, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 157, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 157, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 157, 250);  
box-shadow:4px 4px 4px 4px rgb(235, 157,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 235, 157, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 157, 250) }
```

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

```
.background{ background-color: rgb(235,  
157, 250) }
```

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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