

Converting Colors

RGB(235, 196, 255)

Have a look what the booklet for
RGB(235, 196, 255) contains.

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Color

RGB(235, 196, 255)

Conversions

Conversions Part 1

Format	Color
Hex	EBC4FF
RGB	235, 196, 255
RGB Percent	92%, 77%, 100%
CMY	0.0784, 0.2314, 0.0000
CMYK	0.08, 0.23, 0.00, 0.00
HSL	280°, 100%, 88%
HSV	280°, 23%, 100%
XYZ	72.0509, 64.3620, 103.2334
YIQ	214.3870, 4.3050, 26.6170

Conversions

Conversions Part 2

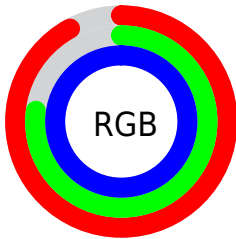
Format	Color
R _Y B	235, 196, 255
Decimal	15451391
CIE Lab	84.15, 24.20, -23.80
CIE LCh	84, 33.944, 315.481
Yxy	64.3620, 0.3007, 0.2686
Android (android.graphics.Color)	4293641471 (0xFFEBC4FF)
YUV	214.3870, 20.0222, 18.0776
Hunter-Lab	80.2259, 19.9153, -20.1352

Details

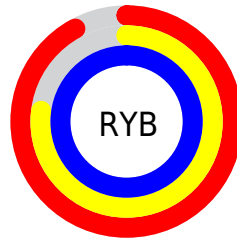
The RGB color **235, 196, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **216, 255, 196**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 253, 255**, and **179, 142, 198** is the 20% darker color. If you saturate the color by 10%, you get **226, 171, 255**, and if you desaturate by 10%, it is **244, 222, 255**.

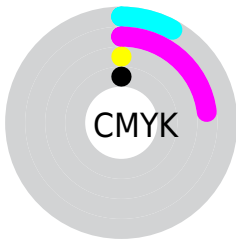
Distribution



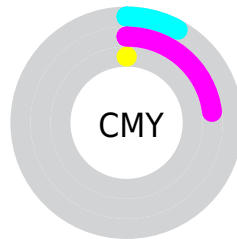
- Red (92%)
- Green (77%)
- Blue (100%)



- Red (92%)
- Yellow (77%)
- Blue (100%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 196, 255 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, 196, 255 by changing the saturation by 10% instead.

 235, 196, 255


 235, 196, 255

255, 255, 255

 207, 169, 226

 255, 253, 255

 179, 142, 198

 152, 116, 171

 125, 91, 144

 100, 67, 118

 75, 45, 93

 52, 23, 70

 30, 0, 47

 0, 1, 26

■ 235, 196, 255

■ 235, 196, 255

■ 226, 171, 255

■ 244, 222, 255

■ 218, 145, 255

■ 252, 247, 255

■ 209, 120, 255

255, 255, 255

■ 200, 94, 255

■ 192, 69, 255

■ 183, 43, 255

■ 174, 18, 255

■ 169, 0, 255

Harmonies

Analogous

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



193, 207, 255



235, 196, 255



255, 188, 227

Triad

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



235, 196, 255



247, 203, 148



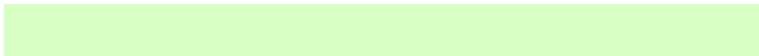
114, 228, 226

Complementary

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



235, 196, 255



216, 255, 196

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.



143, 227, 193



235, 196, 255



216, 213, 148

Square

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



235, 196, 255



255, 192, 166



180, 222, 164



113, 225, 254

Rectangle

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



235, 196, 255



255, 186, 205



180, 222, 164



122, 228, 215

Sweetspot

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



235, 196, 255



249, 237, 255



196, 217, 255



124, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 196, 255



231, 184, 255



255, 196, 246



123, 115, 128



126, 0, 191



42, 0, 64

Inverse Universe

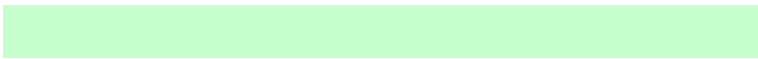
The Inverse Universe completely reimagines the original color for something new.



255, 196, 216



255, 184, 208



196, 255, 205



128, 115, 119



191, 0, 65



64, 0, 22

Previews

White Background



This preview shows how the RGB color 235, 196, 255 looks on a white background.

Color Contrast Check

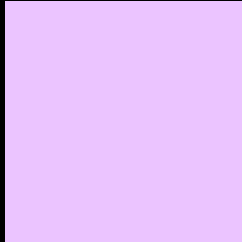
Large Text (above 18pt) WCAG AA × Fail

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, 196, 255 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

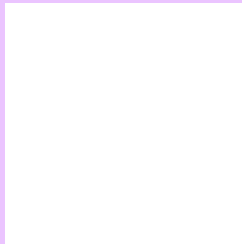
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 235, 196, 255 Background



This preview shows how black text looks on a background with the RGB color 235, 196, 255.

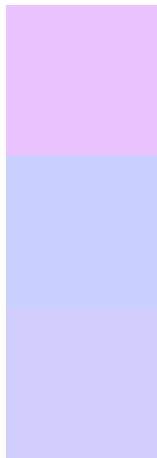


This preview shows how white text looks on a background with the RGB color 235, 196, 255.

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, 196, 255

Protanopia
199, 208, 255

Deuteranopia
209, 205, 253



Tritanopia
229, 203, 219

Trichromacy



Original Color

235, 196, 255



Protanomaly

212, 204, 255



Deuteranomaly

218, 202, 254



Tritanomaly

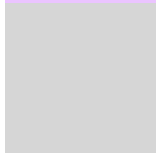
231, 200, 232

Monochromacy



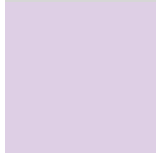
Original Color

235, 196, 255



Achromatopsia

214, 214, 214



Achromatomaly

222, 207, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 196, 255 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, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 255)  
}
```

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, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 255) }
```

Border

The CSS property to change the border of an element to RGB 235, 196, 255 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, 196, 255) }
```

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

```
.border{ border-color:rgb(235, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 196,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 235, 196, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 196, 255) }
```

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

```
.background{ background-color: rgb(235,  
196, 255) }
```

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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