

Converting Colors

RGB(226, 195, 235)

Have a look what the booklet for
RGB(226, 195, 235) contains.

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Color

RGB(226, 195, 235)

Conversions

Conversions Part 1

Format	Color
Hex	E2C3EB
RGB	226, 195, 235
RGB Percent	89%, 76%, 92%
CMY	0.1137, 0.2353, 0.0784
CMYK	0.04, 0.17, 0.00, 0.08
HSL	286°, 50%, 84%
HSV	286°, 17%, 92%
XYZ	65.8745, 61.1971, 86.9375
YIQ	208.8290, 5.6360, 19.0120

Conversions

Conversions Part 2

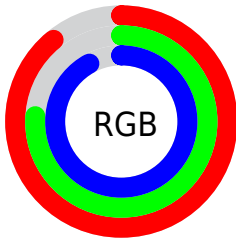
Format	Color
R _Y B	226, 195, 235
Decimal	14861291
CIE Lab	82.48, 17.98, -15.74
CIE LCh	82, 23.898, 318.796
Yxy	61.1971, 0.3078, 0.2860
Android (android.graphics.Color)	4293051371 (0xFFE2C3EB)
YUV	208.8290, 12.9023, 15.0590
Hunter-Lab	78.2286, 13.4108, -11.1305

Details

The RGB color **226, 195, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **204, 235, 195**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 252, 255, and **170, 141, 179** is the 20% darker color. If you saturate the color by 10%, you get **221, 171, 235**, and if you desaturate by 10%, it is **231, 219, 235**.

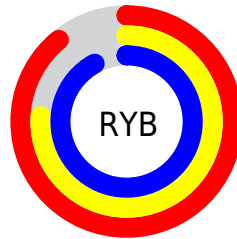
Distribution



Red (89%)

Green (76%)

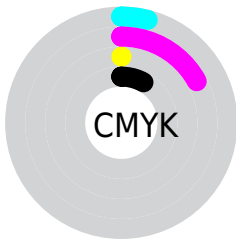
Blue (92%)



Red (89%)

Yellow (76%)

Blue (92%)

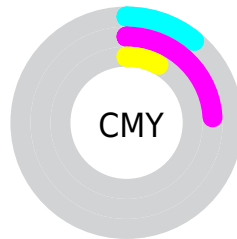


Cyan (4%)

Magenta (17%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (24%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 195, 235 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 226, 195, 235 by changing the saturation by 10% instead.

 226, 195, 235

255, 255, 255

 255, 252, 255

 226, 195, 235

 198, 168, 207

 170, 141, 179

 144, 116, 152

 118, 91, 126

 93, 67, 101

 69, 45, 77


 46, 23, 54


 27, 0, 33

 0, 0, 7

 226, 195, 235


 226, 195, 235

 221, 171, 235

 231, 219, 235

 215, 148, 235


 237, 242, 235

 210, 124, 235


 242, 255, 235

 205, 101, 235

 247, 255, 235

 200, 78, 235

 252, 255, 235

 194, 54, 235

 255, 255, 235

 189, 31, 235

 184, 7, 235

 182, 0, 235

Harmonies

Analogous

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



198, 202, 247



226, 195, 235



245, 190, 215

Triad

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



226, 195, 235



230, 201, 162



144, 218, 219

Complementary

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



226, 195, 235



204, 235, 195

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.



158, 218, 196



226, 195, 235



207, 208, 163

Square

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



226, 195, 235



246, 194, 172



182, 214, 175



147, 215, 238

Rectangle

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



226, 195, 235



251, 189, 199



182, 214, 175



147, 218, 211

Sweetspot

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



226, 195, 235



252, 242, 255



195, 204, 235



126, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 195, 235



244, 204, 255



235, 195, 224



115, 106, 117



140, 0, 181



42, 0, 54

Inverse Universe

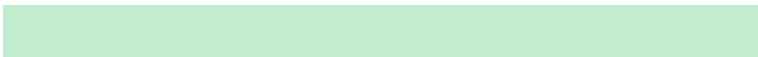
The Inverse Universe completely reimagines the original color for something new.



235, 195, 204



255, 204, 215



195, 235, 206



117, 106, 108



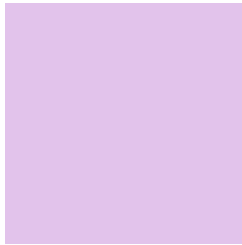
181, 0, 41



54, 0, 12

Previews

White Background



This preview shows how the RGB color 226, 195, 235 looks on a white background.

Color Contrast Check

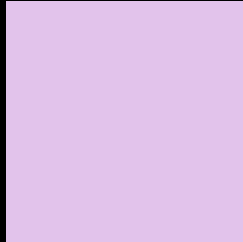
Large Text (above 18pt) WCAG AA × Fail

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 226, 195, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

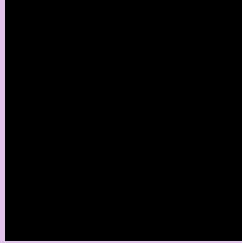
Any Text WCAG AA ✓ Pass

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 226, 195, 235 Background



This preview shows how black text looks on a background with the RGB color 226, 195, 235.



This preview shows how white text looks on a background with the RGB color 226, 195, 235.

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
226, 195, 235

Protanopia
198, 204, 241

Deuteranopia
212, 200, 234



Tritanopia
223, 199, 214

Trichromacy



Original Color
226, 195, 235

Protanomaly
208, 201, 239

Deuteranomaly
217, 198, 234

Tritanomaly
224, 198, 222

Monochromacy



Original Color
226, 195, 235

Achromatopsia
209, 209, 209

Achromatomaly
215, 204, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 195, 235 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(226, 195, 235)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 235)  
}
```

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(226, 195, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 235) }
```

Border

The CSS property to change the border of an element to RGB 226, 195, 235 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(226, 195, 235) }
```

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

```
.border{ border-color:rgb(226, 195, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 195, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 195, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 195, 235);  
box-shadow:4px 4px 4px 4px rgb(226, 195,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 226, 195, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 235) }
```

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

```
.background{ background-color: rgb(226,  
195, 235) }
```

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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