

Converting Colors

RGB(227, 195, 234)

Have a look what the booklet for
RGB(227, 195, 234) contains.

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Color

RGB(227, 195, 234)

Conversions

Conversions Part 1

Format	Color
Hex	E3C3EA
RGB	227, 195, 234
RGB Percent	89%, 76%, 92%
CMY	0.1098, 0.2353, 0.0824
CMYK	0.03, 0.17, 0.00, 0.08
HSL	289°, 48%, 84%
HSV	289°, 17%, 92%
XYZ	66.0449, 61.3016, 86.1934
YIQ	209.0140, 6.5530, 18.9130

Conversions

Conversions Part 2

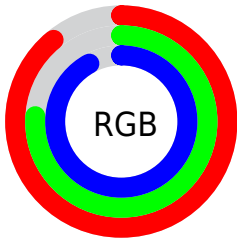
Format	Color
R _Y B	227, 195, 234
Decimal	14926826
CIE Lab	82.54, 18.12, -15.11
CIE LCh	83, 23.596, 320.166
Yxy	61.3016, 0.3093, 0.2871
Android (android.graphics.Color)	4293116906 (0xFFE3C3EA)
YUV	209.0140, 12.3181, 15.7737
Hunter-Lab	78.2954, 13.5543, -10.4641

Details

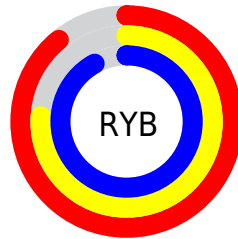
The RGB color **227, 195, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **202, 234, 195**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 252, 255, and **171, 141, 178** is the 20% darker color. If you saturate the color by 10%, you get **223, 172, 234**, and if you desaturate by 10%, it is **231, 218, 234**.

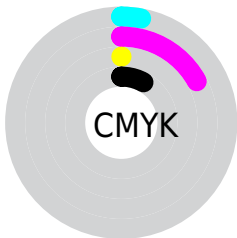
Distribution



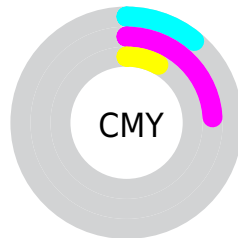
- Red (89%)
- Green (76%)
- Blue (92%)



- Red (89%)
- Yellow (76%)
- Blue (92%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 195, 234 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 227, 195, 234 by changing the saturation by 10% instead.

■ 227, 195, 234

255, 255, 255

■ 255, 252, 255

■ 227, 195, 234

■ 199, 168, 206

■ 171, 141, 178

■ 145, 116, 151

■ 119, 91, 126


■ 94, 67, 101

■ 70, 45, 76

■ 47, 23, 54

■ 28, 0, 33

■ 0, 0, 5

 227, 195, 234


 227, 195, 234

 223, 172, 234


 231, 218, 234

 219, 148, 234


 235, 242, 234

 214, 125, 234

 240, 255, 234

 210, 101, 234

 244, 255, 234

 206, 78, 234

 248, 255, 234

 202, 55, 234

 252, 255, 234

 198, 31, 234

 255, 255, 234

 193, 8, 234

 192, 0, 234

Harmonies

Analogous

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



200, 202, 247



227, 195, 234



245, 190, 214

Triad

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



227, 195, 234



229, 201, 162



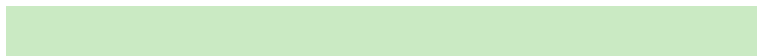
145, 218, 220

Complementary

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



227, 195, 234



202, 234, 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, 197



227, 195, 234



206, 209, 164

Square

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



227, 195, 234



246, 195, 172



181, 214, 176



149, 215, 239

Rectangle

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



227, 195, 234



251, 190, 198



181, 214, 176



148, 218, 212

Sweetspot

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



227, 195, 234



253, 242, 255



195, 202, 234



126, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 195, 234



246, 204, 255



234, 195, 222



115, 106, 117



149, 0, 181



44, 0, 54

Inverse Universe

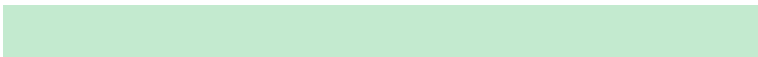
The Inverse Universe completely reimagines the original color for something new.



234, 195, 202



255, 204, 213



195, 234, 207



117, 106, 108



181, 0, 32



54, 0, 10

Previews

White Background



This preview shows how the RGB color 227, 195, 234 looks on a white background.

Color Contrast Check

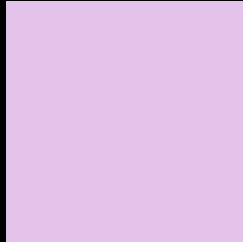
Large Text (above 18pt) WCAG AA × Fail

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 227, 195, 234 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 227, 195, 234 Background



This preview shows how black text looks on a background with the RGB color 227, 195, 234.



This preview shows how white text looks on a background with the RGB color 227, 195, 234.

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
227, 195, 234

Protanopia
199, 204, 240

Deuteranopia
213, 200, 233



Tritanopia
224, 198, 214

Trichromacy



Original Color
227, 195, 234

Protanomaly
209, 201, 238

Deuteranomaly
218, 198, 233

Tritanomaly
225, 197, 221

Monochromacy



Original Color
227, 195, 234

Achromatopsia
209, 209, 209

Achromatomaly
216, 204, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 195, 234 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(227, 195, 234)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 234)  
}
```

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(227, 195, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 234) }
```

Border

The CSS property to change the border of an element to RGB 227, 195, 234 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(227, 195, 234) }
```

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

```
.border{ border-color:rgb(227, 195, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 195, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 195, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 195, 234);  
box-shadow:4px 4px 4px 4px rgb(227, 195,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 227, 195, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 234) }
```

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

```
.background{ background-color: rgb(227,  
195, 234) }
```

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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