

Converting Colors

RGB(227, 134, 209)

Have a look what the booklet for
RGB(227, 134, 209) contains.

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Color

RGB(227, 134, 209)

Conversions

Conversions Part 1

Format	Color
Hex	E386D1
RGB	227, 134, 209
RGB Percent	89%, 53%, 82%
CMY	0.1098, 0.4745, 0.1804
CMYK	0.00, 0.41, 0.08, 0.11
HSL	312°, 62%, 71%
HSV	312°, 41%, 89%
XYZ	51.7123, 37.9845, 64.9278
YIQ	170.3570, 31.3530, 43.0410

Conversions

Conversions Part 2

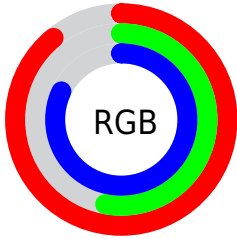
Format	Color
R _Y B	227, 134, 209
Decimal	14911185
CIE Lab	68.01, 46.07, -23.50
CIE LCh	68, 51.720, 332.980
Yxy	37.9845, 0.3344, 0.2457
Android (android.graphics.Color)	4293101265 (0xFFE386D1)
YUV	170.3570, 19.0510, 49.6759
Hunter-Lab	61.6316, 41.9159, -19.3189

Details

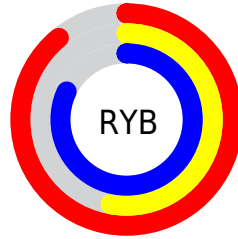
The RGB color **227, 134, 209** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **134, 227, 152**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 189, 255**, and **170, 81, 154** is the 20% darker color. If you saturate the color by 10%, you get **227, 111, 205**, and if you desaturate by 10%, it is **227, 157, 213**.

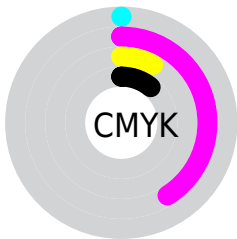
Distribution



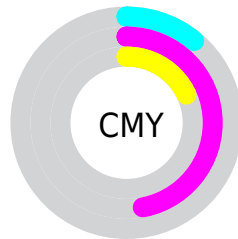
- Red (89%)
- Green (53%)
- Blue (82%)



- Red (89%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 134, 209 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, 134, 209 by changing the saturation by 10% instead.

 227, 134, 209

255, 255, 255

 255, 189, 255


 255, 217, 255


 255, 246, 255

 227, 134, 209

 198, 107, 181

 170, 81, 154

 142, 55, 128

 115, 28, 103

 89, 0, 79

 63, 0, 56

 41, 0, 34

 0, 0, 7

 0, 0, 0

■ 227, 134, 209

■ 227, 134, 209

■ 227, 111, 205

■ 227, 157, 213

■ 227, 89, 200

■ 227, 179, 218

■ 227, 66, 196

■ 227, 202, 222

■ 227, 43, 191

■ 227, 225, 227

■ 227, 21, 187

■ 227, 248, 231

■ 227, 0, 183

■ 227, 255, 235

■ 227, 255, 240

■ 227, 255, 244

■ 227, 255, 249

Harmonies

Analogous

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



175, 152, 244



227, 134, 209



251, 126, 163

Triad

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



227, 134, 209



188, 165, 68



0, 188, 215

Complementary

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



227, 134, 209



134, 227, 152

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, 189, 169



227, 134, 209



140, 178, 84

Square

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



227, 134, 209



226, 148, 82



76, 186, 122



0, 182, 248

Rectangle

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



227, 134, 209



253, 128, 132



76, 186, 122



0, 189, 201

Sweetspot

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



227, 134, 209



255, 224, 249



151, 134, 227



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



227, 134, 209



255, 130, 231



227, 134, 163



115, 103, 113



179, 0, 144



51, 0, 41

Inverse Universe

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



227, 134, 209



255, 130, 231



134, 227, 198



115, 103, 113



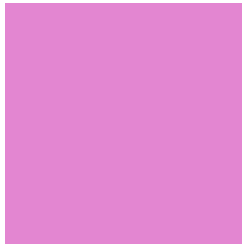
179, 0, 144



51, 0, 41

Previews

White Background



This preview shows how the RGB color 227, 134, 209 looks on a white background.

Color Contrast Check

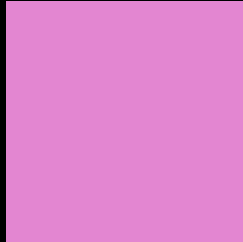
Large Text (above 18pt) WCAG AA × Fail

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, 134, 209 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, 134, 209 Background



This preview shows how black text looks on a background with the RGB color 227, 134, 209.

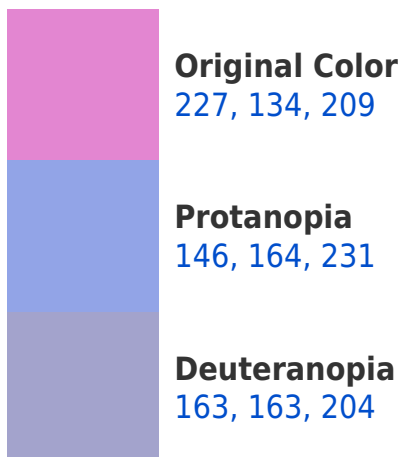



This preview shows how white text looks on a background with the RGB color 227, 134, 209.

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





Tritanopia
221, 145, 156

Trichromacy



Original Color

227, 134, 209



Protanomaly

175, 153, 223



Deuteranomaly

186, 152, 206



Tritanomaly

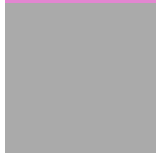
223, 141, 175

Monochromacy



Original Color

227, 134, 209



Achromatopsia

170, 170, 170



Achromatomaly

191, 157, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 134, 209 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, 134, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 134, 209)  
}
```

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, 134, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 134, 209) }
```

Border

The CSS property to change the border of an element to RGB 227, 134, 209 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, 134, 209) }
```

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

```
.border{ border-color:rgb(227, 134, 209) }
```

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

Here you see how a box with a 4 pixel rgb(227, 134, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 134, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 134, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 134,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 227, 134, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 134, 209) }
```

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

```
.background{ background-color: rgb(227,  
134, 209) }
```

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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