

Converting Colors

RGB(233, 118, 204)

Have a look what the booklet for
RGB(233, 118, 204) contains.

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Color

RGB(233, 118, 204)

Conversions

Conversions Part 1	
Format	Color
Hex	E976CC
RGB	233, 118, 204
RGB Percent	91%, 46%, 80%
CMY	0.0863, 0.5373, 0.2000
CMYK	0.00, 0.49, 0.12, 0.09
HSL	315°, 72%, 69%
HSV	315°, 49%, 91%
XYZ	50.9818, 34.6401, 61.1259
YIQ	162.1890, 40.9340, 51.1260

Conversions

Conversions Part 2

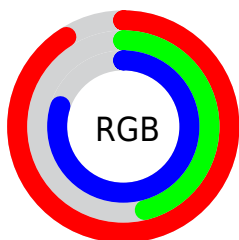
Format	Color
RYB	233, 118, 204
Decimal	15300300
CIELab	65.47, 55.10, -24.53
CIELCh	65, 60.311, 336.004
Yxy	34.6401, 0.3474, 0.2361
Android (android.graphics.Color)	4293490380 (0xFFE976CC)
YUV	162.1890, 20.6128, 62.1012
Hunter-Lab	58.8559, 51.6214, -20.3777

Details

The RGB color **233, 118, 204** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **118, 233, 147**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 173, 255**, and **175, 63, 150** is the 20% darker color. If you saturate the color by 10%, you get **233, 95, 198**, and if you desaturate by 10%, it is **233, 141, 210**.

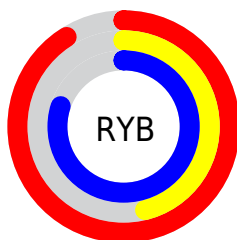
Distribution



Red (91%)

Green (46%)

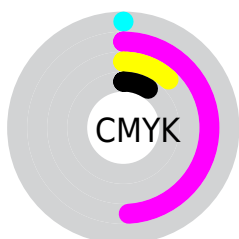
Blue (80%)



Red (91%)

Yellow (46%)

Blue (80%)

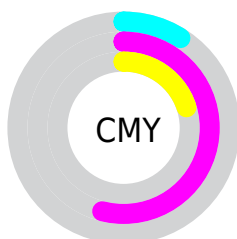


Cyan (0%)

Magenta (49%)

Yellow (12%)

Black (9%)



Cyan (9%)

Magenta (54%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 118, 204 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 233, 118, 204 by changing the saturation by 10% instead.

 233, 118, 204

255, 255, 255

 255, 173, 255

 255, 202, 255

 255, 231, 255

 233, 118, 204

 204, 91, 176

 175, 63, 150

 147, 33, 124

 119, 0, 99

 92, 0, 74

 66, 0, 51

 41, 0, 30


 0, 0, 0

 233, 118, 204

 233, 118, 204

 233, 95, 198

 233, 141, 210

 233, 71, 192

 233, 165, 216

 233, 48, 186

 233, 188, 222

 233, 25, 180

 233, 211, 228

 233, 2, 175

 233, 235, 233

 233, 0, 174

 233, 255, 239

 233, 255, 245

 233, 255, 251

 233, 255, 255

Harmonies

Analogous

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



175, 140, 247



233, 118, 204



255, 108, 150

Triad

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



233, 118, 204



178, 160, 41



0, 184, 221

Complementary

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



233, 118, 204



118, 233, 147

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, 185, 169



233, 118, 204



121, 174, 65

Square

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



233, 118, 204



222, 140, 57



4, 182, 113



0, 176, 255

Rectangle

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



233, 118, 204



255, 114, 115



4, 182, 113



0, 185, 205

Sweetspot

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



233, 118, 204



255, 217, 245



147, 118, 233



128, 105, 122



0, 0, 0



128, 128, 128

Same Dimension

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



233, 118, 204



255, 105, 217



233, 118, 147



117, 106, 114



181, 0, 135



54, 0, 40

Inverse Universe

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



233, 118, 204



255, 105, 217



118, 233, 204



117, 106, 114



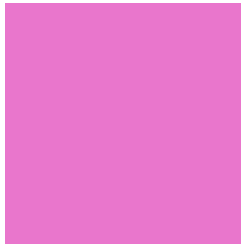
181, 0, 135



54, 0, 40

Previews

White Background



This preview shows how the RGB color 233, 118, 204 looks on a white background.

Color Contrast Check

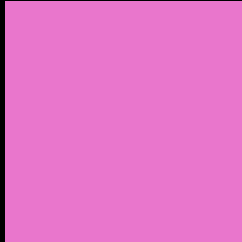
Large Text (above 18pt) WCAG AA × Fail

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 233, 118, 204 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 233, 118, 204 Background



This preview shows how black text looks on a background with the RGB color 233, 118, 204.



This preview shows how white text looks on a background with the RGB color 233, 118, 204.

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

233, 118, 204

Protanopia

134, 157, 234

Deuteranopia

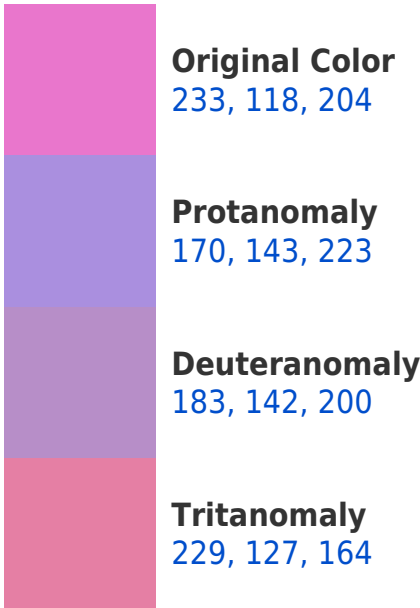
155, 156, 197



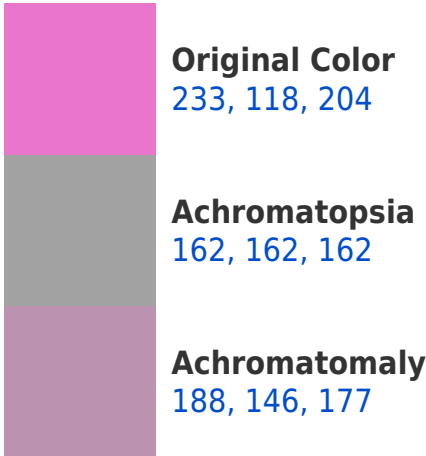
Tritanopia

226, 132, 141

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 118, 204 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(233, 118, 204) looks like.

```
.text, #text, p{  
    color:rgb(233, 118, 204)  
}
```

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(233, 118, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 118, 204) }
```

Border

The CSS property to change the border of an element to RGB 233, 118, 204 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(233, 118, 204) }
```

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

```
.border{ border-color:rgb(233, 118, 204) }
```

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

Here you see how a box with a 4 pixel rgb(233, 118, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 118, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 118, 204);  
box-shadow:4px 4px 4px 4px rgb(233, 118,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 233, 118, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 118, 204) }
```

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

```
.background{ background-color: rgb(233,  
118, 204) }
```

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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