

Converting Colors

RGB(229, 133, 183)

Have a look what the booklet for
RGB(229, 133, 183) contains.

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Color

RGB(229, 133, 183)

Conversions

Conversions Part 1	
Format	Color
Hex	E585B7
RGB	229, 133, 183
RGB Percent	90%, 52%, 72%
CMY	0.1020, 0.4784, 0.2824
CMYK	0.00, 0.42, 0.20, 0.10
HSL	329°, 65%, 71%
HSV	329°, 42%, 90%
XYZ	49.2479, 36.8520, 49.3172
YIQ	167.4040, 41.1660, 35.9020

Conversions

Conversions Part 2

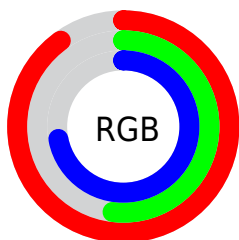
Format	Color
RYB	229, 133, 183
Decimal	15041975
CIELab	67.17, 43.12, -10.21
CIELCh	67, 44.311, 346.685
Yxy	36.8520, 0.3637, 0.2721
Android (android.graphics.Color)	4293232055 (0xFFE585B7)
YUV	167.4040, 7.6888, 54.0197
Hunter-Lab	60.7058, 38.5737, -5.6730

Details

The RGB color **229, 133, 183** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **133, 229, 179**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 188, 239**, and **172, 81, 130** is the 20% darker color. If you saturate the color by 10%, you get **229, 110, 172**, and if you desaturate by 10%, it is **229, 156, 194**.

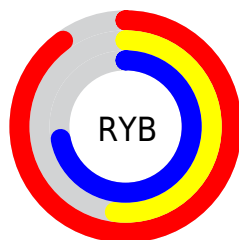
Distribution



Red (90%)

Green (52%)

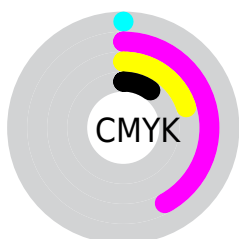
Blue (72%)



Red (90%)

Yellow (52%)

Blue (72%)

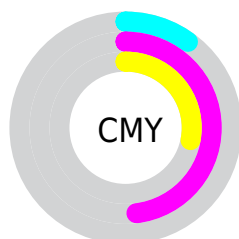


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (10%)



Cyan (10%)

Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 133, 183 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 229, 133, 183 by changing the saturation by 10% instead.

 229, 133, 183

255, 255, 255

 255, 188, 239


 255, 216, 255

 255, 245, 255

 229, 133, 183

 200, 107, 156


 172, 81, 130

 144, 55, 105

 117, 28, 81

 90, 0, 58

 64, 0, 36

 41, 0, 14

 0, 0, 0

 229, 133, 183

 229, 133, 183

 229, 110, 172

 229, 156, 194

 229, 87, 161

 229, 179, 205

 229, 64, 150

 229, 202, 216

 229, 41, 139

 229, 225, 227

 229, 19, 128

 229, 248, 238

 229, 0, 119

 229, 255, 249

 229, 255, 255

Harmonies

Analogous

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



195, 145, 219



229, 133, 183



240, 132, 143

Triad

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



229, 133, 183



166, 168, 85



0, 181, 220

Complementary

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



229, 133, 183



133, 229, 179

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, 184, 185



229, 133, 183



121, 178, 107

Square

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



229, 133, 183



203, 155, 85



61, 183, 144



52, 173, 241

Rectangle

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



229, 133, 183



235, 137, 118



61, 183, 144



0, 183, 210

Sweetspot

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



229, 133, 183



255, 222, 239



178, 133, 229



128, 107, 118



0, 0, 0



128, 128, 128

Same Dimension

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



229, 133, 183



255, 128, 194



229, 133, 136



115, 103, 109



179, 0, 93



51, 0, 27

Inverse Universe

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



229, 133, 183



255, 128, 194



133, 229, 226



115, 103, 109



179, 0, 93



51, 0, 27

Previews

White Background



This preview shows how the RGB color 229, 133, 183 looks on a white background.

Color Contrast Check

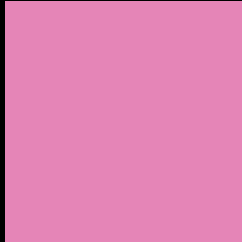
Large Text (above 18pt) WCAG AA × Fail

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 229, 133, 183 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 229, 133, 183 Background



This preview shows how black text looks on a background with the RGB color 229, 133, 183.



This preview shows how white text looks on a background with the RGB color 229, 133, 183.

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


229, 133, 183

Protanopia

155, 162, 202

Deuteranopia

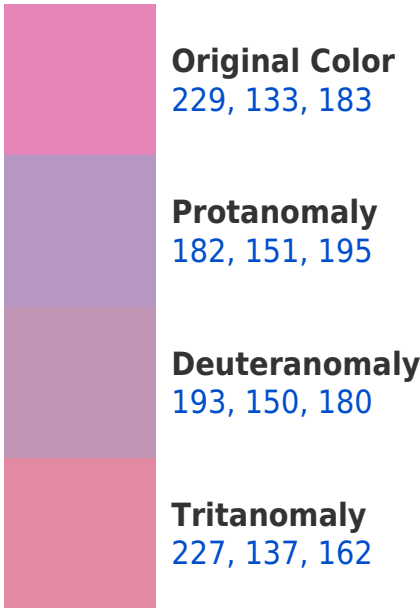
173, 159, 178



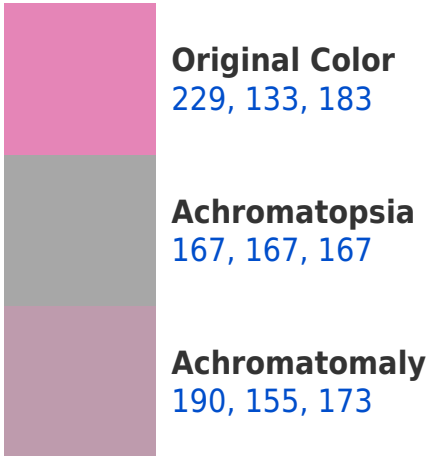
Tritanopia

226, 139, 150

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 133, 183 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(229, 133, 183) looks like.

```
.text, #text, p{  
    color:rgb(229, 133, 183)  
}
```

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(229, 133, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 133, 183) }
```

Border

The CSS property to change the border of an element to RGB 229, 133, 183 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(229, 133, 183) }
```

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

```
.border{ border-color:rgb(229, 133, 183) }
```

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

Here you see how a box with a 4 pixel rgb(229, 133, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 133, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 133, 183);  
box-shadow:4px 4px 4px 4px rgb(229, 133,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 229, 133, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 133, 183) }
```

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

```
.background{ background-color: rgb(229,  
133, 183) }
```

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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