

Converting Colors

RGB(233, 175, 243)

Have a look what the booklet for
RGB(233, 175, 243) contains.

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Color

RGB(233, 175, 243)

Conversions

Conversions Part 1

Format	Color
Hex	E9AFF3
RGB	233, 175, 243
RGB Percent	91%, 69%, 95%
CMY	0.0863, 0.3137, 0.0471
CMYK	0.04, 0.28, 0.00, 0.05
HSL	291°, 74%, 82%
HSV	291°, 28%, 95%
XYZ	65.1119, 54.4546, 91.8730
YIQ	200.0940, 12.7400, 33.4440

Conversions

Conversions Part 2

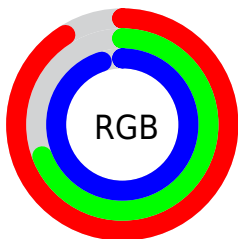
Format	Color
RYB	233, 175, 243
Decimal	15314931
CIELab	78.73, 32.47, -25.67
CIELCh	79, 41.388, 321.669
Yxy	54.4546, 0.3079, 0.2575
Android (android.graphics.Color)	4293505011 (0xFFE9AFF3)
YUV	200.0940, 21.1527, 28.8586
Hunter-Lab	73.7934, 28.3618, -22.1609

Details

The RGB color **233, 175, 243** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185, 243, 175**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 231, 255**, and **177, 122, 187** is the 20% darker color. If you saturate the color by 10%, you get **229, 151, 243**, and if you desaturate by 10%, it is **237, 199, 243**.

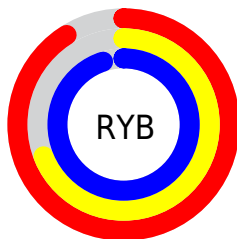
Distribution



Red (91%)

Green (69%)

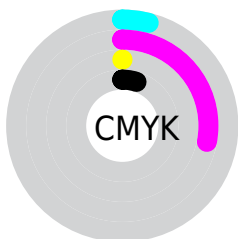
Blue (95%)



Red (91%)

Yellow (69%)

Blue (95%)

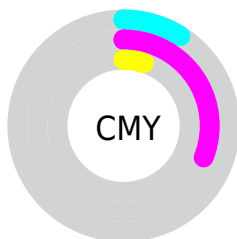


Cyan (4%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 233, 175, 243 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, 175, 243 by changing the saturation by 10% instead.


 233, 175, 243

 233, 175, 243


255, 255, 255

 204, 148, 214

 255, 231, 255

 177, 122, 187

 149, 96, 160

 123, 72, 133

 97, 48, 108

 72, 24, 83


 48, 1, 60

 29, 0, 38

 0, 1, 15

 233, 175, 243


 233, 175, 243

 229, 151, 243

 237, 199, 243

 226, 126, 243

 240, 224, 243


 222, 102, 243

 244, 248, 243

 219, 78, 243

 247, 255, 243

 215, 54, 243

 251, 255, 243

 212, 29, 243

 254, 255, 243

 208, 5, 243

 255, 255, 243

 207, 0, 243

Harmonies

Analogous

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



184, 189, 255



233, 175, 243



255, 166, 207

Triad

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



233, 175, 243



230, 189, 118



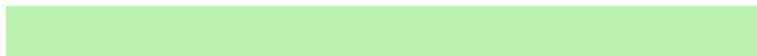
42, 215, 222

Complementary

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



233, 175, 243



185, 243, 175

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.



97, 215, 182



233, 175, 243



192, 201, 122

Square

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



233, 175, 243



255, 176, 136



148, 210, 146



52, 211, 254

Rectangle

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



233, 175, 243



255, 165, 181



148, 210, 146



60, 216, 209

Sweetspot

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



233, 175, 243



252, 235, 255



175, 185, 243



126, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 175, 243



242, 168, 255



243, 175, 219



121, 110, 122



159, 0, 186



50, 0, 59

Inverse Universe

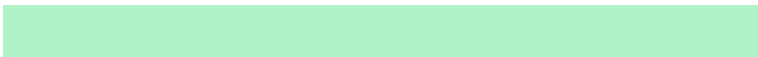
The Inverse Universe completely reimagines the original color for something new.



243, 175, 185



255, 168, 181



175, 243, 199



122, 110, 112



186, 0, 27



59, 0, 9

Previews

White Background



This preview shows how the RGB color 233, 175, 243 looks on a white background.

Color Contrast Check

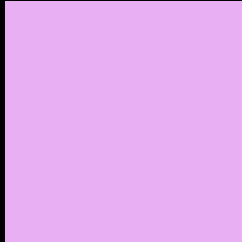
Large Text (above 18pt) WCAG AA × Fail

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, 175, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

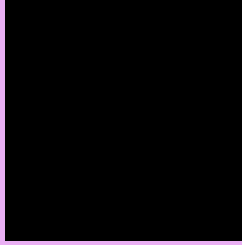
Any Text WCAG AA ✓ Pass

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, 175, 243 Background



This preview shows how black text looks on a background with the RGB color 233, 175, 243.

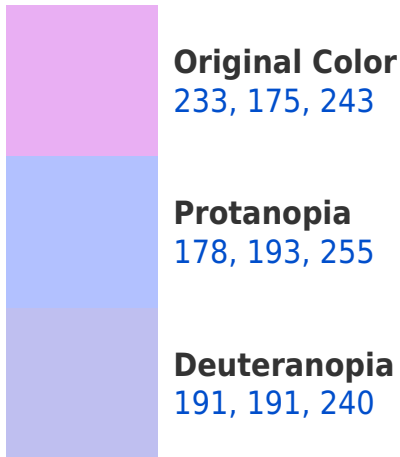



This preview shows how white text looks on a background with the RGB color 233, 175, 243.

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
227, 184, 198

Trichromacy



Original Color

233, 175, 243



Protanomaly

198, 186, 251



Deuteranomaly

206, 185, 241



Tritanomaly

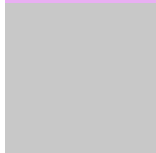
229, 181, 214

Monochromacy



Original Color

233, 175, 243



Achromatopsia

200, 200, 200



Achromatomaly

212, 191, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 175, 243 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, 175, 243) looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 243)  
}
```

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, 175, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 243) }
```

Border

The CSS property to change the border of an element to RGB 233, 175, 243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

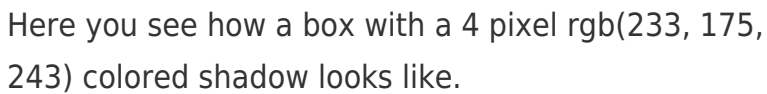
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 175, 243) }
```

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

```
.border{ border-color:rgb(233, 175, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 175, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 175, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 175, 243); box-shadow:4px 4px 4px 4px rgb(233, 175, 243) }
```

Background

The CSS property to change the background color of an element to RGB 233, 175, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 243) }
```

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

```
.background{ background-color: rgb(233,  
175, 243) }
```

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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