

Converting Colors

RGB(233, 179, 255)

Have a look what the booklet for
RGB(233, 179, 255) contains.

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Color

RGB(233, 179, 255)

Conversions

Conversions Part 1

Format	Color
Hex	E9B3FF
RGB	233, 179, 255
RGB Percent	91%, 70%, 100%
CMY	0.0863, 0.2980, 0.0000
CMYK	0.09, 0.30, 0.00, 0.00
HSL	283°, 100%, 85%
HSV	283°, 30%, 100%
XYZ	67.7744, 56.7838, 101.9960
YIQ	203.8100, 7.7880, 35.0840

Conversions

Conversions Part 2

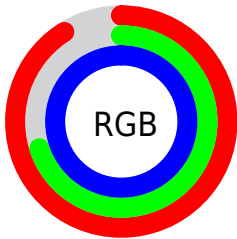
Format	Color
R _Y B	233, 179, 255
Decimal	15315967
CIE Lab	80.06, 32.65, -30.07
CIE LCh	80, 44.393, 317.355
Yxy	56.7838, 0.2992, 0.2506
Android (android.graphics.Color)	4293506047 (0xFFE9B3FF)
YUV	203.8100, 25.2367, 25.5996
Hunter-Lab	75.3551, 28.6717, -27.5028

Details

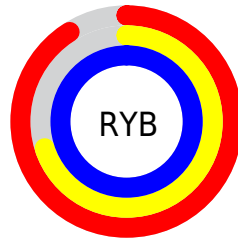
The RGB color **233, 179, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **201, 255, 179**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 235, 255**, and **176, 126, 198** is the 20% darker color. If you saturate the color by 10%, you get **226, 153, 255**, and if you desaturate by 10%, it is **240, 204, 255**.

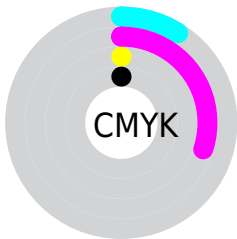
Distribution



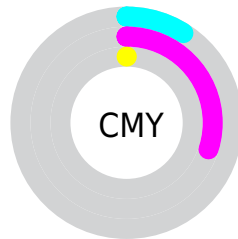
- Red (91%)
- Green (70%)
- Blue (100%)



- Red (91%)
- Yellow (70%)
- Blue (100%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 179, 255 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, 179, 255 by changing the saturation by 10% instead.

 233, 179, 255


255, 255, 255


 255, 235, 255

 233, 179, 255

 204, 152, 226

 176, 126, 198

 149, 100, 171

 123, 75, 144

 97, 52, 118

 72, 28, 93

 48, 4, 69

 30, 0, 47

 0, 1, 25

■ 233, 179, 255

■ 233, 179, 255

■ 226, 153, 255

■ 240, 204, 255

■ 218, 128, 255

■ 248, 230, 255

■ 211, 102, 255

255, 255, 255

■ 203, 77, 255

■ 196, 51, 255

■ 189, 26, 255

■ 181, 0, 255

■ 181, 0, 255

Harmonies

Analogous

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



177, 194, 255



233, 179, 255



255, 168, 218

Triad

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



233, 179, 255



241, 190, 118



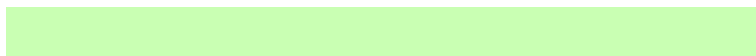
13, 220, 222

Complementary

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



233, 179, 255



201, 255, 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.



99, 219, 179



233, 179, 255



201, 204, 118

Square

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



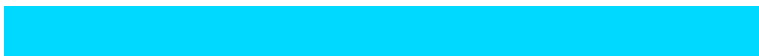
233, 179, 255



255, 176, 139



154, 214, 141



0, 217, 255

Rectangle

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



233, 179, 255



255, 166, 190



154, 214, 141



52, 221, 208

Sweetspot

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



233, 179, 255



248, 232, 255



179, 202, 255



123, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 179, 255



228, 163, 255



255, 179, 240



124, 115, 128



136, 0, 191



45, 0, 64

Inverse Universe

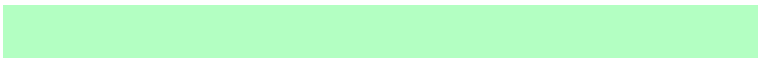
The Inverse Universe completely reimagines the original color for something new.



255, 179, 201



255, 163, 190



179, 255, 194



128, 115, 118



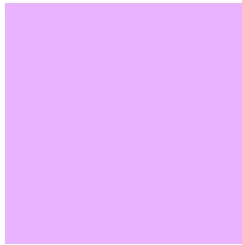
191, 0, 55



64, 0, 18

Previews

White Background



This preview shows how the RGB color 233, 179, 255 looks on a white background.

Color Contrast Check

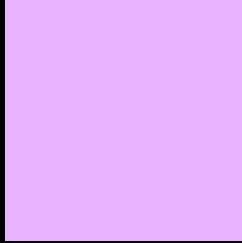
Large Text (above 18pt) WCAG AA × Fail

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, 179, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

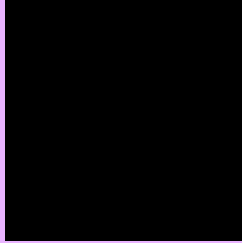
Any Text WCAG AA ✓ Pass

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, 179, 255 Background



This preview shows how black text looks on a background with the RGB color 233, 179, 255.

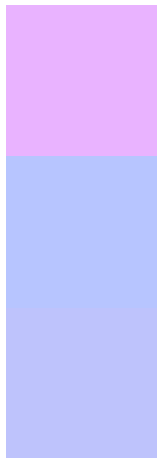


This preview shows how white text looks on a background with the RGB color 233, 179, 255.

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, 179, 255

Protanopia
183, 197, 255

Deuteranopia
190, 195, 252



Tritanopia
225, 189, 204

Trichromacy



Original Color

233, 179, 255



Protanomaly

201, 190, 255



Deuteranomaly

206, 189, 253



Tritanomaly

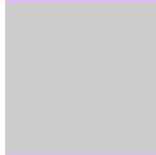
228, 185, 223

Monochromacy



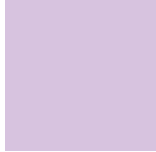
Original Color

233, 179, 255



Achromatopsia

204, 204, 204



Achromatomaly

215, 195, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 179, 255 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 255)  
}
```

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, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 255) }
```

Border

The CSS property to change the border of an element to RGB 233, 179, 255 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, 179, 255) }
```

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

```
.border{ border-color:rgb(233, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 233, 179, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 255) }
```

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

```
.background{ background-color: rgb(233,  
179, 255) }
```

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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