

Converting Colors

RGB(232, 179, 255)

Have a look what the booklet for
RGB(232, 179, 255) contains.

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Color

RGB(232, 179, 255)

Conversions

Conversions Part 1

Format	Color
Hex	E8B3FF
RGB	232, 179, 255
RGB Percent	91%, 70%, 100%
CMY	0.0902, 0.2980, 0.0000
CMYK	0.09, 0.30, 0.00, 0.00
HSL	282°, 100%, 85%
HSV	282°, 30%, 100%
XYZ	67.4488, 56.6160, 101.9808
YIQ	203.5110, 7.1920, 34.8720

Conversions

Conversions Part 2

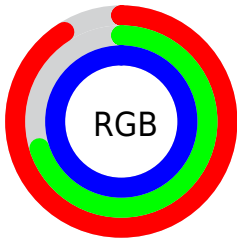
Format	Color
R _Y B	232, 179, 255
Decimal	15250431
CIE Lab	79.96, 32.35, -30.23
CIE LCh	80, 44.271, 316.939
Yxy	56.6160, 0.2984, 0.2505
Android (android.graphics.Color)	4293440511 (0xFFE8B3FF)
YUV	203.5110, 25.3841, 24.9849
Hunter-Lab	75.2436, 28.3321, -27.6877

Details

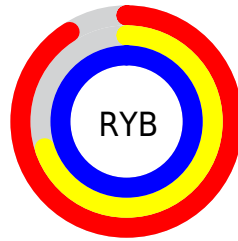
The RGB color **232, 179, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **202, 255, 179**, and the grayscale version is **203, 203, 203**.

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 **224, 153, 255**, and if you desaturate by 10%, it is **240, 204, 255**.

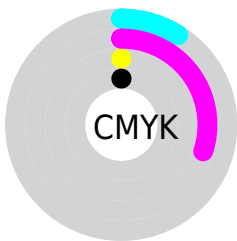
Distribution



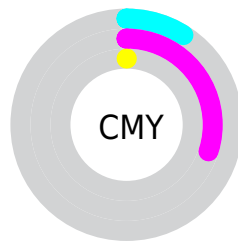
- Red (91%)
- Green (70%)
- Blue (100%)



- 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 232, 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 232, 179, 255 by changing the saturation by 10% instead.

 232, 179, 255

255, 255, 255

 255, 235, 255

 232, 179, 255


 203, 152, 226

 176, 126, 198

 148, 100, 171

 122, 75, 144

 96, 52, 118

 71, 28, 93

 47, 4, 69

 29, 0, 47

 0, 1, 25

■ 232, 179, 255

■ 232, 179, 255

■ 224, 153, 255

■ 240, 204, 255

■ 217, 128, 255

■ 247, 230, 255

■ 209, 102, 255

255, 255, 255

■ 201, 77, 255

■ 193, 51, 255

■ 186, 26, 255

■ 178, 0, 255

■ 178, 0, 255

Harmonies

Analogous

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



176, 194, 255



232, 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.



232, 179, 255



241, 190, 118



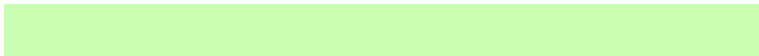
18, 220, 221

Complementary

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



232, 179, 255



202, 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.



100, 219, 178



232, 179, 255



202, 203, 118

Square

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



232, 179, 255



255, 175, 140



155, 213, 140



0, 217, 255

Rectangle

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



232, 179, 255



255, 166, 190



155, 213, 140



54, 220, 207

Sweetspot

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



232, 179, 255



248, 232, 255



179, 203, 255



123, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 179, 255



227, 163, 255



255, 179, 241



124, 115, 128



133, 0, 191



44, 0, 64

Inverse Universe

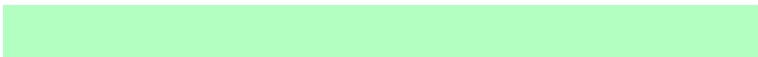
The Inverse Universe completely reimagines the original color for something new.



255, 179, 202



255, 163, 191



179, 255, 193



128, 115, 119



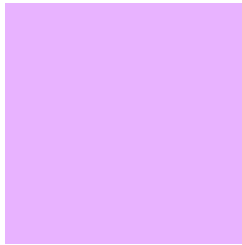
191, 0, 58



64, 0, 19

Previews

White Background



This preview shows how the RGB color 232, 179, 255 looks on a white background.

Color Contrast Check

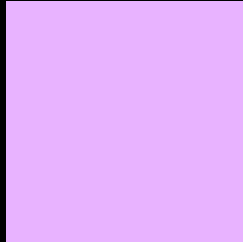
Large Text (above 18pt) WCAG AA × Fail

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 232, 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 232, 179, 255 Background



This preview shows how black text looks on a background with the RGB color 232, 179, 255.

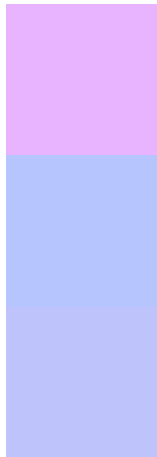


This preview shows how white text looks on a background with the RGB color 232, 179, 255.

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
232, 179, 255

Protanopia
183, 197, 255

Deuteranopia
190, 195, 252



Tritanopia
224, 189, 204

Trichromacy



Original Color

232, 179, 255



Protanomaly

201, 190, 255



Deuteranomaly

205, 189, 253

Tritanomaly

227, 185, 223

Monochromacy



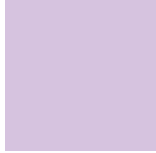
Original Color

232, 179, 255



Achromatopsia

204, 204, 204



Achromatomaly

214, 195, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 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(232, 179, 255) looks like.

```
.text, #text, p{  
  color:rgb(232, 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(232, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 179, 255) }
```

Border

The CSS property to change the border of an element to RGB 232, 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(232, 179, 255) }
```

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

```
.border{ border-color:rgb(232, 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(232, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 179,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 232, 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(232, 179, 255) }
```

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

```
.background{ background-color: rgb(232,  
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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