

Converting Colors

RGB(231, 178, 239)

Have a look what the booklet for
RGB(231, 178, 239) contains.

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Color

RGB(231, 178, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E7B2EF
RGB	231, 178, 239
RGB Percent	91%, 70%, 94%
CMY	0.0941, 0.3020, 0.0627
CMYK	0.03, 0.26, 0.00, 0.06
HSL	292°, 66%, 82%
HSV	292°, 26%, 94%
XYZ	64.4554, 55.0617, 88.8922
YIQ	200.8010, 12.0070, 30.2070

Conversions

Conversions Part 2

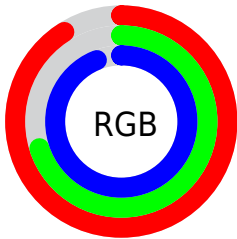
Format	Color
R _Y B	231, 178, 239
Decimal	15184623
CIE Lab	79.08, 29.47, -23.00
CIE LCh	79, 37.381, 322.030
Yxy	55.0617, 0.3093, 0.2642
Android (android.graphics.Color)	4293374703 (0xFFE7B2EF)
YUV	200.8010, 18.8321, 26.4845
Hunter-Lab	74.2036, 25.1940, -19.0839

Details

The RGB color **231, 178, 239** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 239, 178**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 234, 255**, and **175, 125, 183** is the 20% darker color. If you saturate the color by 10%, you get **228, 154, 239**, and if you desaturate by 10%, it is **234, 202, 239**.

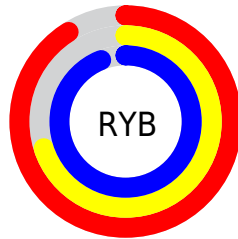
Distribution



Red (91%)

Green (70%)

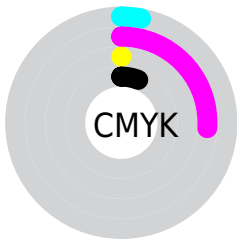
Blue (94%)



Red (91%)

Yellow (70%)

Blue (94%)

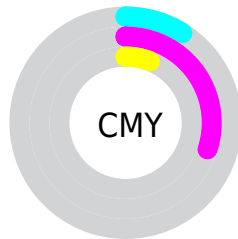


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (9%)


Magenta (30%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 178, 239 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 231, 178, 239 by changing the saturation by 10% instead.

 231, 178, 239


255, 255, 255


 255, 234, 255

 231, 178, 239


 203, 151, 211

 175, 125, 183

 148, 99, 156

 121, 75, 130


 96, 51, 104


 71, 28, 80

 47, 5, 57

 29, 0, 36

 0, 0, 10

 231, 178, 239

 231, 178, 239

 228, 154, 239


 234, 202, 239

 225, 130, 239


 237, 226, 239

 222, 106, 239

 240, 250, 239

 218, 82, 239

 244, 255, 239

 215, 59, 239

 247, 255, 239

 212, 35, 239

 250, 255, 239

 209, 11, 239

 253, 255, 239

 208, 0, 239

 255, 255, 239

Harmonies

Analogous

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



187, 190, 255



231, 178, 239



255, 170, 207

Triad

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



231, 178, 239



228, 190, 127



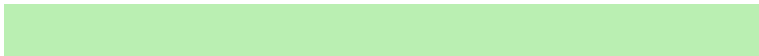
76, 214, 221

Complementary

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



231, 178, 239



186, 239, 178

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.



111, 214, 185



231, 178, 239



193, 202, 130

Square

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



231, 178, 239



253, 179, 142



153, 210, 152



84, 210, 250

Rectangle

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



231, 178, 239



255, 169, 183



153, 210, 152



85, 215, 209

Sweetspot

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



231, 178, 239



252, 235, 255



178, 186, 239



126, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 178, 239



245, 176, 255



239, 178, 217



118, 108, 120



160, 0, 184



49, 0, 56

Inverse Universe

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



239, 178, 186



255, 176, 186



178, 239, 200



120, 108, 109



184, 0, 24



56, 0, 7

Previews

White Background



This preview shows how the RGB color 231, 178, 239 looks on a white background.

Color Contrast Check

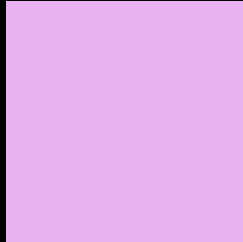
Large Text (above 18pt) WCAG AA × Fail

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 231, 178, 239 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 231, 178, 239 Background



This preview shows how black text looks on a background with the RGB color 231, 178, 239.

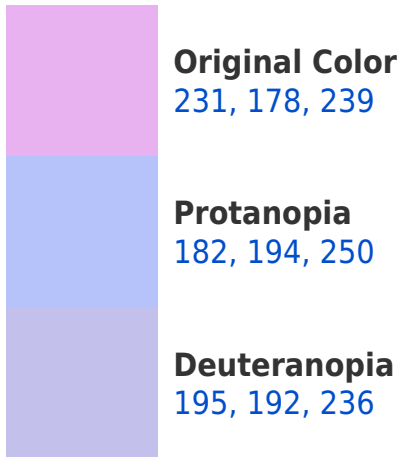



This preview shows how white text looks on a background with the RGB color 231, 178, 239.

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
225, 185, 200

Trichromacy



Original Color

231, 178, 239



Protanomaly

200, 188, 246



Deuteranomaly

208, 187, 237



Tritanomaly

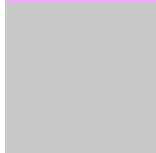
227, 182, 214

Monochromacy



Original Color

231, 178, 239



Achromatopsia

201, 201, 201



Achromatomaly

212, 193, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 178, 239 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(231, 178, 239) looks like.

```
.text, #text, p{  
    color:rgb(231, 178, 239)  
}
```

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(231, 178, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 178, 239) }
```

Border

The CSS property to change the border of an element to RGB 231, 178, 239 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(231, 178, 239) }
```

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

```
.border{ border-color:rgb(231, 178, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 178, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 178, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 178, 239);  
box-shadow:4px 4px 4px 4px rgb(231, 178,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 231, 178, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 178, 239) }
```

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

```
.background{ background-color: rgb(231,  
178, 239) }
```

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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