

Converting Colors

RGB(231, 177, 219)

Have a look what the booklet for
RGB(231, 177, 219) contains.

RGB(231, 177, 219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(231, 177, 219)

Conversions

Conversions Part 1

Format	Color
Hex	E7B1DB
RGB	231, 177, 219
RGB Percent	91%, 69%, 86%
CMY	0.0941, 0.3059, 0.1412
CMYK	0.00, 0.23, 0.05, 0.09
HSL	313°, 53%, 80%
HSV	313°, 23%, 91%
XYZ	61.4633, 53.5477, 74.1141
YIQ	197.9340, 18.7020, 24.5100

Conversions

Conversions Part 2

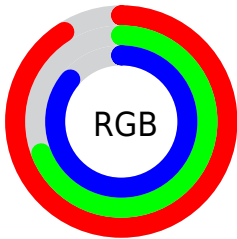
Format	Color
R _{YB}	231, 177, 219
Decimal	15184347
CIE Lab	78.20, 26.35, -13.52
CIE LCh	78, 29.621, 332.838
Yxy	53.5477, 0.3250, 0.2831
Android (android.graphics.Color)	4293374427 (0xFFE7B1DB)
YUV	197.9340, 10.3855, 28.9989
Hunter-Lab	73.1763, 21.8699, -8.8265

Details

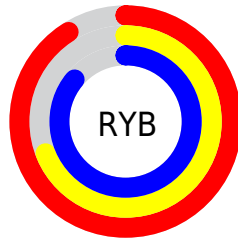
The RGB color **231, 177, 219** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177, 231, 189**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 233, 255**, and **175, 124, 164** is the 20% darker color. If you saturate the color by 10%, you get **231, 154, 214**, and if you desaturate by 10%, it is **231, 200, 224**.

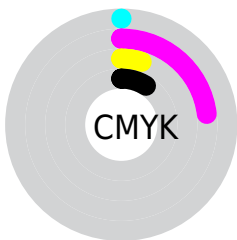
Distribution



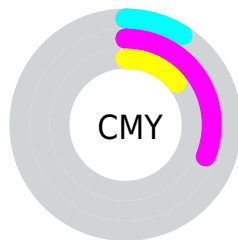
- Red (91%)
- Green (69%)
- Blue (86%)



- Red (91%)
- Yellow (69%)
- Blue (86%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (9%)




- Cyan (9%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 177, 219 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, 177, 219 by changing the saturation by 10% instead.

 231, 177, 219


255, 255, 255

 255, 233, 255

 231, 177, 219

 203, 150, 191

 175, 124, 164

 148, 99, 138

 122, 74, 112


 96, 51, 88


 72, 28, 64


 48, 5, 42


 27, 0, 22


 0, 0, 0

 231, 177, 219


 231, 177, 219

 231, 154, 214


 231, 200, 224

 231, 131, 209


 231, 223, 229


 231, 108, 204


 231, 246, 234

 231, 85, 198


 231, 255, 240

 231, 62, 193

 231, 255, 245

 231, 38, 188

 231, 255, 250

 231, 15, 183

 231, 255, 255

 231, 0, 180

 231, 255, 255

Harmonies

Analogous

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



201, 185, 240



231, 177, 219



247, 173, 192

Triad

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



231, 177, 219



211, 192, 138



110, 208, 222

Complementary

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



231, 177, 219



177, 231, 189

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.



121, 209, 195



231, 177, 219



181, 201, 147

Square

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



231, 177, 219



234, 183, 145



149, 206, 167



126, 203, 242

Rectangle

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



231, 177, 219



249, 174, 173



149, 206, 167



111, 208, 214

Sweetspot

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



231, 177, 219



255, 237, 251



189, 177, 231



128, 117, 125



0, 0, 0



128, 128, 128

Same Dimension

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



231, 177, 219



255, 184, 239



231, 177, 192



115, 103, 112



179, 0, 139



51, 0, 40

Inverse Universe

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



231, 177, 219



255, 184, 239



177, 231, 216



115, 103, 112



179, 0, 139



51, 0, 40

Previews

White Background



This preview shows how the RGB color 231, 177, 219 looks on a white background.

Color Contrast Check

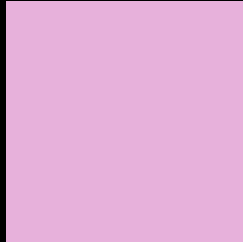
Large Text (above 18pt) WCAG AA × Fail

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, 177, 219 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, 177, 219 Background



This preview shows how black text looks on a background with the RGB color 231, 177, 219.



This preview shows how white text looks on a background with the RGB color 231, 177, 219.

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
231, 177, 219

Protanopia
186, 192, 229

Deuteranopia
202, 189, 217



Tritanopia
228, 181, 195

Trichromacy



Original Color

231, 177, 219



Protanomaly

202, 187, 225



Deuteranomaly

213, 185, 218



Tritanomaly

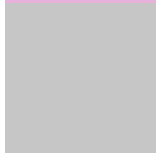
229, 180, 204

Monochromacy



Original Color

231, 177, 219



Achromatopsia

198, 198, 198



Achromatomaly

210, 190, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 177, 219 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, 177, 219) looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 219)  
}
```

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, 177, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 219) }
```

Border

The CSS property to change the border of an element to RGB 231, 177, 219 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, 177, 219) }
```

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

```
.border{ border-color:rgb(231, 177, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 177, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 177, 219); box-shadow:4px 4px 4px 4px rgb(231, 177, 219) }
```

Background

The CSS property to change the background color of an element to RGB 231, 177, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 219) }
```

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

```
.background{ background-color: rgb(231,  
177, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor