

Converting Colors

RGB(231, 177, 212)

Have a look what the booklet for
RGB(231, 177, 212) contains.

RGB(231, 177, 212)	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, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E7B1D4
RGB	231, 177, 212
RGB Percent	91%, 69%, 83%
CMY	0.0941, 0.3059, 0.1686
CMYK	0.00, 0.23, 0.08, 0.09
HSL	321°, 53%, 80%
HSV	321°, 23%, 91%
XYZ	60.5608, 53.1867, 69.3615
YIQ	197.1360, 20.9490, 22.3330

Conversions

Conversions Part 2

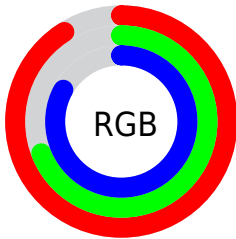
Format	Color
R _Y B	231, 177, 212
Decimal	15184340
CIE Lab	77.99, 25.14, -10.04
CIE LCh	78, 27.074, 338.223
Yxy	53.1867, 0.3307, 0.2905
Android (android.graphics.Color)	4293374420 (0xFFE7B1D4)
YUV	197.1360, 7.3280, 29.6987
Hunter-Lab	72.9292, 20.6013, -5.3391

Details

The RGB color **231, 177, 212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177, 231, 196**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 233, 255**, and **175, 124, 157** is the 20% darker color. If you saturate the color by 10%, you get **231, 154, 204**, and if you desaturate by 10%, it is **231, 200, 220**.

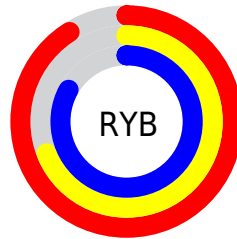
Distribution



Red (91%)

Green (69%)

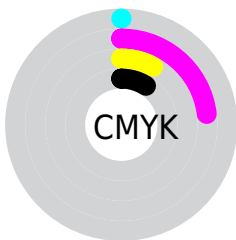
Blue (83%)



Red (91%)

Yellow (69%)

Blue (83%)

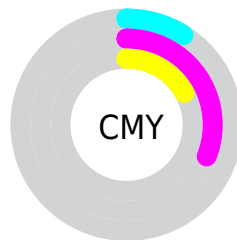


Cyan (0%)

Magenta (23%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 177, 212 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, 212 by changing the saturation by 10% instead.

■ 231, 177, 212

255, 255, 255

■ 255, 233, 255

■ 231, 177, 212

■ 203, 150, 184

■ 175, 124, 157

■ 148, 99, 131

■ 122, 74, 106


■ 96, 51, 82


■ 72, 28, 59


■ 48, 6, 37

■ 27, 0, 16


■ 0, 0, 0

 231, 177, 212


 231, 177, 212

 231, 154, 204


 231, 200, 220

 231, 131, 196


 231, 223, 228

 231, 108, 188


 231, 246, 236

 231, 85, 179


 231, 255, 245


 231, 62, 171

 231, 255, 253

 231, 38, 163

 231, 255, 255

 231, 15, 155

 231, 0, 150

Harmonies

Analogous

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



206, 184, 232



231, 177, 212



243, 175, 187

Triad

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



231, 177, 212



204, 193, 143



120, 205, 223

Complementary

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



231, 177, 212



177, 231, 196

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.



125, 207, 199



231, 177, 212



176, 201, 153

Square

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



231, 177, 212



227, 185, 147



148, 205, 173



139, 200, 239

Rectangle

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



231, 177, 212



244, 176, 170



148, 205, 173



119, 206, 216

Sweetspot

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



231, 177, 212



255, 237, 249



196, 177, 231



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



231, 177, 212



255, 184, 230



231, 177, 185



115, 103, 111



179, 0, 116



51, 0, 33

Inverse Universe

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



231, 177, 212



255, 184, 230



177, 231, 223



115, 103, 111



179, 0, 116



51, 0, 33

Previews

White Background



This preview shows how the RGB color 231, 177, 212 looks on a white background.

Color Contrast Check

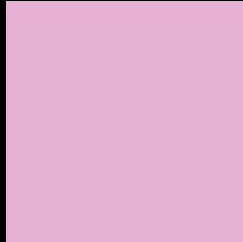
Large Text (above 18pt) WCAG AA × Fail

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, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

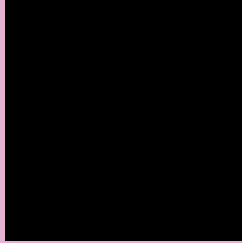
Any Text WCAG AA ✓ Pass

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, 212 Background



This preview shows how black text looks on a background with the RGB color 231, 177, 212.




This preview shows how white text looks on a background with the RGB color 231, 177, 212.

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
229, 180, 194

Trichromacy



Original Color

231, 177, 212



Protanomaly

204, 187, 218



Deuteranomaly

214, 184, 211



Tritanomaly

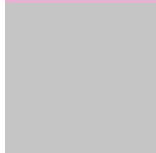
230, 179, 201

Monochromacy



Original Color

231, 177, 212



Achromatopsia

197, 197, 197



Achromatomaly

209, 190, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 177, 212 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 212) }
```

Border

The CSS property to change the border of an element to RGB 231, 177, 212 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, 212) }
```

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

```
.border{ border-color:rgb(231, 177, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 177, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 177, 212); box-shadow:4px 4px 4px 4px rgb(231, 177, 212) }
```

Background

The CSS property to change the background color of an element to RGB 231, 177, 212 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, 212) }
```

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

```
.background{ background-color: rgb(231,  
177, 212) }
```

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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