

Converting Colors

RGB(230, 178, 219)

Have a look what the booklet for
RGB(230, 178, 219) contains.

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Color

RGB(230, 178, 219)

Conversions

Conversions Part 1

Format	Color
Hex	E6B2DB
RGB	230, 178, 219
RGB Percent	90%, 70%, 86%
CMY	0.0980, 0.3020, 0.1412
CMYK	0.00, 0.23, 0.05, 0.10
HSL	313°, 51%, 80%
HSV	313°, 23%, 90%
XYZ	61.3397, 53.7783, 74.1651
YIQ	198.2220, 17.8310, 23.7750

Conversions

Conversions Part 2

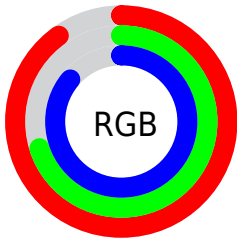
Format	Color
R_{YB}	230, 178, 219
Decimal	15119067
CIE _{Lab}	78.33, 25.48, -13.33
CIE _{LCh}	78, 28.758, 332.386
Yxy	53.7783, 0.3241, 0.2841
Android (android.graphics.Color)	4293309147 (0xFFE6B2DB)
YUV	198.2220, 10.2436, 27.8693
Hunter-Lab	73.3337, 20.9718, -8.6287

Details

The RGB color **230, 178, 219** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178, 230, 189**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 234, 255**, and **174, 125, 164** is the 20% darker color. If you saturate the color by 10%, you get **230, 155, 214**, and if you desaturate by 10%, it is **230, 201, 224**.

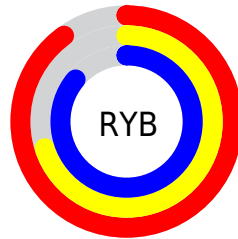
Distribution



Red (90%)

Green (70%)

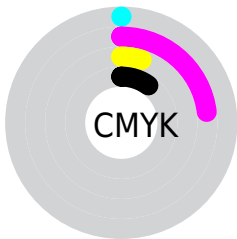
Blue (86%)



Red (90%)

Yellow (70%)

Blue (86%)

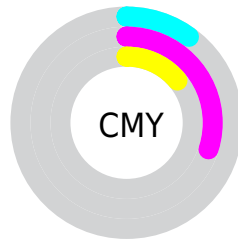


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (10%)



Cyan (10%)


Magenta (30%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 178, 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 230, 178, 219 by changing the saturation by 10% instead.

 230, 178, 219


255, 255, 255


 255, 234, 255

 230, 178, 219


 202, 151, 191

 174, 125, 164

 147, 100, 138

 121, 75, 112

 95, 52, 88


 71, 29, 64


 47, 6, 42

 27, 0, 22


 0, 0, 0

 230, 178, 219


 230, 178, 219

 230, 155, 214


 230, 201, 224

 230, 132, 209


 230, 224, 229

 230, 109, 204

 230, 247, 234

 230, 86, 200


 230, 255, 238

 230, 63, 195

 230, 255, 243

 230, 40, 190

 230, 255, 248

 230, 17, 185

 230, 255, 253

 230, 0, 181

 230, 255, 255

Harmonies

Analogous

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



201, 186, 239



230, 178, 219



246, 174, 193

Triad

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



230, 178, 219



211, 193, 140



114, 208, 221

Complementary

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



230, 178, 219



178, 230, 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.



125, 209, 195



230, 178, 219



182, 201, 148

Square

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



230, 178, 219



234, 184, 147



151, 206, 168



129, 203, 240

Rectangle

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



230, 178, 219



248, 175, 175



151, 206, 168



115, 208, 213

Sweetspot

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



230, 178, 219



255, 237, 251



188, 178, 230



128, 117, 125



0, 0, 0



128, 128, 128

Same Dimension

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



230, 178, 219



255, 186, 240



230, 178, 194



115, 103, 112



179, 0, 141



51, 0, 40

Inverse Universe

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



230, 178, 219



255, 186, 240



178, 230, 214



115, 103, 112



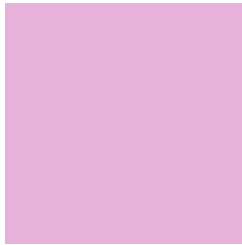
179, 0, 141



51, 0, 40

Previews

White Background



This preview shows how the RGB color 230, 178, 219 looks on a white background.

Color Contrast Check

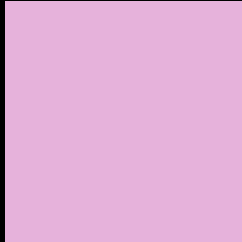
Large Text (above 18pt) WCAG AA × Fail

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 230, 178, 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 230, 178, 219 Background



This preview shows how black text looks on a background with the RGB color 230, 178, 219.




This preview shows how white text looks on a background with the RGB color 230, 178, 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





Tritanopia
227, 182, 196

Trichromacy



Original Color

230, 178, 219



Protanomaly

203, 187, 225



Deuteranomaly

212, 185, 218



Tritanomaly

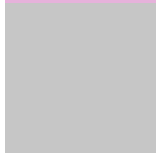
228, 181, 204

Monochromacy



Original Color

230, 178, 219



Achromatopsia

198, 198, 198



Achromatomaly

210, 191, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 178, 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(230, 178, 219) looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 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(230, 178, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 219) }
```

Border

The CSS property to change the border of an element to RGB 230, 178, 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(230, 178, 219) }
```

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

```
.border{ border-color:rgb(230, 178, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 230, 178, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 219) }
```

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

```
.background{ background-color: rgb(230,  
178, 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](#).

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