

Converting Colors

RGB(230, 189, 235)

Have a look what the booklet for
RGB(230, 189, 235) contains.

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Color

RGB(230, 189, 235)

Conversions

Conversions Part 1

Format	Color
Hex	E6BDEB
RGB	230, 189, 235
RGB Percent	90%, 74%, 92%
CMY	0.0980, 0.2588, 0.0784
CMYK	0.02, 0.20, 0.00, 0.08
HSL	293°, 53%, 83%
HSV	293°, 20%, 92%
XYZ	65.8261, 59.2163, 86.5577
YIQ	206.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

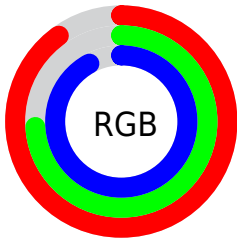
Format	Color
R _Y B	230, 189, 235
Decimal	15121899
CIE Lab	81.41, 22.50, -17.32
CIE LCh	81, 28.398, 322.408
Yxy	59.2163, 0.3111, 0.2799
Android (android.graphics.Color)	4293311979 (0xFFE6BDEB)
YUV	206.5030, 14.0490, 20.6069
Hunter-Lab	76.9522, 18.0255, -12.8244

Details

The RGB color `230, 189, 235` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `194, 235, 189`, and the grayscale version is `206, 206, 206`.

A 20% lighter version of the original color is `255, 245, 255`, and `174, 135, 179` is the 20% darker color. If you saturate the color by 10%, you get `227, 166, 235`, and if you desaturate by 10%, it is `233, 212, 235`.

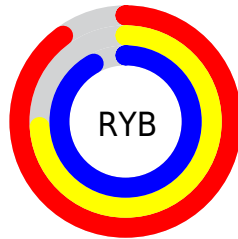
Distribution



Red (90%)

Green (74%)

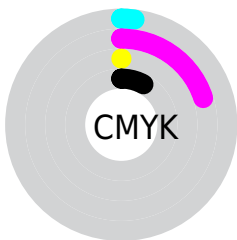
Blue (92%)



Red (90%)

Yellow (74%)

Blue (92%)

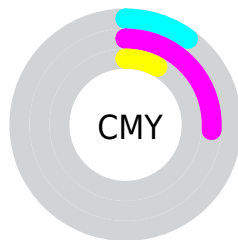


Cyan (2%)

Magenta (20%)

Yellow (0%)

Black (8%)



Cyan (10%)


Magenta (26%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 189, 235 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, 189, 235 by changing the saturation by 10% instead.

 230, 189, 235

 230, 189, 235


255, 255, 255

 202, 162, 207

 255, 245, 255


 174, 135, 179

 147, 110, 152

 121, 85, 126

 96, 62, 101

 72, 39, 77


 48, 17, 54

 30, 0, 33

 0, 0, 6

 230, 189, 235

 230, 189, 235

 227, 166, 235


 233, 212, 235

 225, 142, 235

 235, 236, 235

 222, 119, 235

 238, 255, 235

 220, 95, 235

 240, 255, 235

 217, 72, 235


 243, 255, 235

 215, 48, 235

 245, 255, 235

 212, 25, 235

 248, 255, 235

 210, 1, 235

 250, 255, 235

 209, 0, 235

 253, 255, 235

Harmonies

Analogous

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



197, 198, 251



230, 189, 235



251, 184, 210

Triad

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



230, 189, 235



228, 198, 150



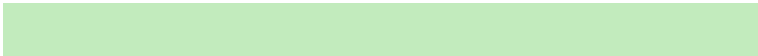
125, 217, 222

Complementary

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



230, 189, 235



194, 235, 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.



142, 217, 194



230, 189, 235



201, 207, 153

Square

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



230, 189, 235



248, 190, 161



170, 213, 169



131, 214, 244

Rectangle

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



230, 189, 235



255, 183, 192



170, 213, 169



129, 217, 213

Sweetspot

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



230, 189, 235



253, 240, 255



189, 194, 235



127, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 189, 235



249, 196, 255



235, 189, 217



116, 106, 117



161, 0, 181



48, 0, 54

Inverse Universe

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



235, 189, 194



255, 196, 203



189, 235, 207



117, 106, 107



181, 0, 20



54, 0, 6

Previews

White Background



This preview shows how the RGB color 230, 189, 235 looks on a white background.

Color Contrast Check

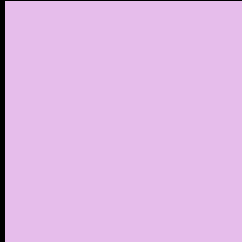
Large Text (above 18pt) WCAG AA × Fail

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, 189, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

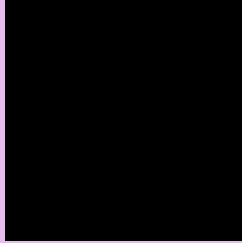
Any Text WCAG AA ✓ Pass

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, 189, 235 Background



This preview shows how black text looks on a background with the RGB color 230, 189, 235.

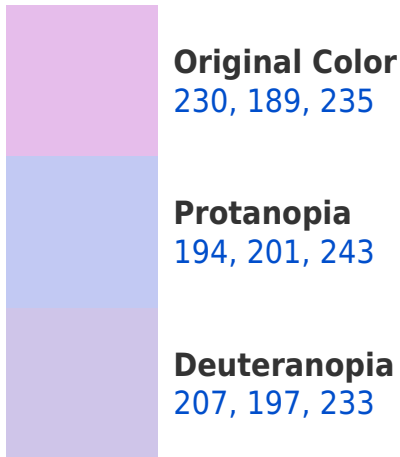



This preview shows how white text looks on a background with the RGB color 230, 189, 235.

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
226, 194, 209

Trichromacy



Original Color
230, 189, 235

Protanomaly
207, 197, 240

Deuteranomaly
215, 194, 234

Tritanomaly
227, 192, 218

Monochromacy



Original Color
230, 189, 235

Achromatopsia
207, 207, 207

Achromatomaly
215, 200, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 189, 235 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, 189, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 189, 235)  
}
```

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, 189, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 235) }
```

Border

The CSS property to change the border of an element to RGB 230, 189, 235 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, 189, 235) }
```

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

```
.border{ border-color:rgb(230, 189, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 189, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 230, 189, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 189, 235) }
```

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

```
.background{ background-color: rgb(230,  
189, 235) }
```

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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