

Converting Colors

RGB(237, 189, 230)

Have a look what the booklet for
RGB(237, 189, 230) contains.

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Color

RGB(237, 189, 230)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDBDE6 |
| RGB | 237, 189, 230 |
| RGB Percent | 93%, 74%, 90% |
| CMY | 0.0706, 0.2588, 0.0980 |
| CMYK | 0.00, 0.20, 0.03, 0.07 |
| HSL | 309°, 57%, 84% |
| HSV | 309°, 20%, 93% |
| XYZ | 67.4056, 60.1129, 82.9132 |
| YIQ | 208.0260, 15.4470, 22.9270 |

Conversions

Conversions Part 2

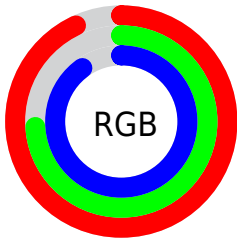
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 237, 189, 230 |
| Decimal | 15580646 |
| CIE _{Lab} | 81.90, 23.90, -13.84 |
| CIE _{LCh} | 82, 27.623, 329.925 |
| Yxy | 60.1129, 0.3203, 0.2857 |
| Android (android.graphics.Color) | 4293770726 (0xFFEDBDE6) |
| YUV | 208.0260, 10.8332, 25.4102 |
| Hunter-Lab | 77.5325, 19.5033, -9.1319 |

Details

The RGB color **237, 189, 230** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **189, 237, 196**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 246, 255**, and **181, 135, 174** is the 20% darker color. If you saturate the color by 10%, you get **237, 165, 227**, and if you desaturate by 10%, it is **237, 213, 233**.

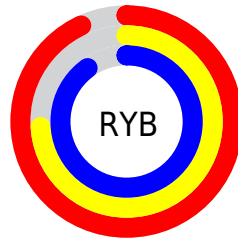
Distribution



Red (93%)

Green (74%)

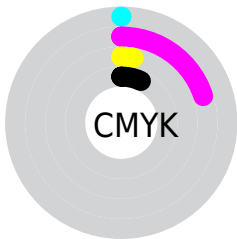
Blue (90%)



Red (93%)

Yellow (74%)

Blue (90%)

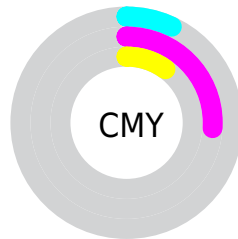


Cyan (0%)

Magenta (20%)

Yellow (3%)

Black (7%)



Cyan (7%)


Magenta (26%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 189, 230 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 237, 189, 230 by changing the saturation by 10% instead.


 237, 189, 230

255, 255, 255

 255, 246, 255

 237, 189, 230

 209, 162, 202


 181, 135, 174

 154, 110, 148

 127, 85, 122


 102, 61, 97

 77, 39, 73


 54, 16, 51

 34, 0, 30


 0, 0, 0

 237, 189, 230


 237, 189, 230

 237, 165, 227

 237, 213, 233

 237, 142, 223

 237, 236, 237

 237, 118, 220

 237, 255, 240

 237, 94, 216

 237, 255, 244

 237, 71, 213

 237, 255, 247

 237, 47, 209

 237, 255, 251

 237, 23, 206

 237, 255, 254

 237, 0, 202

 237, 255, 255

Harmonies

Analogous

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



208, 197, 248



237, 189, 230



254, 185, 205

Triad

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



237, 189, 230



223, 202, 152



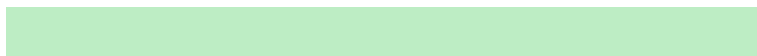
128, 217, 228

Complementary

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



237, 189, 230



189, 237, 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.



140, 218, 203



237, 189, 230



195, 210, 158

Square

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



237, 189, 230



245, 193, 160



165, 216, 177



141, 213, 248

Rectangle

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



237, 189, 230



255, 186, 187



165, 216, 177



130, 218, 220

Sweetspot

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



237, 189, 230



255, 240, 253



195, 189, 237



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



237, 189, 230



255, 194, 246



237, 189, 207



117, 106, 116



181, 0, 155



54, 0, 46

Inverse Universe

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



237, 189, 230



255, 194, 246



189, 237, 219



117, 106, 116



181, 0, 155



54, 0, 46

Previews

White Background



This preview shows how the RGB color 237, 189, 230 looks on a white background.

Color Contrast Check

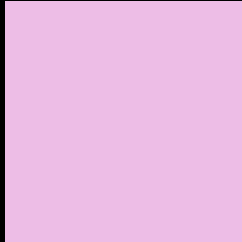
Large Text (above 18pt) WCAG AA × Fail

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 237, 189, 230 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 237, 189, 230 Background



This preview shows how black text looks on a background with the RGB color 237, 189, 230.




This preview shows how white text looks on a background with the RGB color 237, 189, 230.

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
234, 193, 208

Trichromacy



Original Color
237, 189, 230

Protanomaly
212, 197, 236

Deuteranomaly
221, 195, 229

Tritanomaly
235, 192, 216

Monochromacy



Original Color
237, 189, 230

Achromatopsia
208, 208, 208

Achromatomaly
219, 201, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 189, 230 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(237, 189, 230)` looks like.

```
.text, #text, p{  
    color:rgb(237, 189, 230)  
}
```

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(237, 189, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 189, 230) }
```

Border

The CSS property to change the border of an element to RGB 237, 189, 230 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(237, 189, 230) }
```

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

```
.border{ border-color:rgb(237, 189, 230) }
```

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

Here you see how a box with a 4 pixel rgb(237, 189, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 189, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 189, 230);  
box-shadow:4px 4px 4px 4px rgb(237, 189,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 237, 189, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 189, 230) }
```

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

```
.background{ background-color: rgb(237,  
189, 230) }
```

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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