

Converting Colors

RGB(237, 185, 228)

Have a look what the booklet for
RGB(237, 185, 228) contains.

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Color

RGB(237, 185, 228)

Conversions

Conversions Part 1

Format	Color
Hex	EDB9E4
RGB	237, 185, 228
RGB Percent	93%, 73%, 89%
CMY	0.0706, 0.2745, 0.1059
CMYK	0.00, 0.22, 0.04, 0.07
HSL	310°, 59%, 83%
HSV	310°, 22%, 93%
XYZ	66.2776, 58.3039, 81.1594
YIQ	205.4500, 17.1890, 24.3970

Conversions

Conversions Part 2

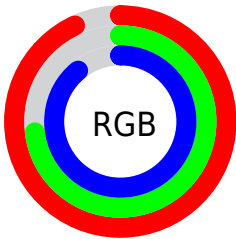
Format	Color
R _Y B	237, 185, 228
Decimal	15579620
CIE Lab	80.91, 25.68, -14.26
CIE LCh	81, 29.371, 330.962
Yxy	58.3039, 0.3221, 0.2834
Android (android.graphics.Color)	4293769700 (0xFFEDB9E4)
YUV	205.4500, 11.1172, 27.6694
Hunter-Lab	76.3570, 21.3127, -9.5691

Details

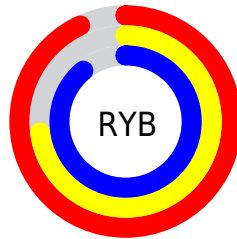
The RGB color **237, 185, 228** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **185, 237, 194**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 241, 255**, and **181, 131, 173** is the 20% darker color. If you saturate the color by 10%, you get **237, 161, 224**, and if you desaturate by 10%, it is **237, 209, 232**.

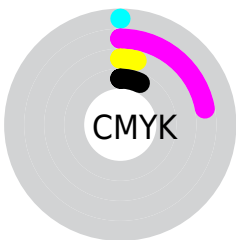
Distribution



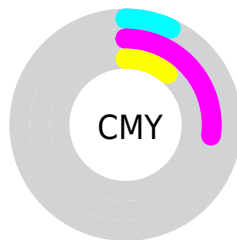
- Red (93%)
- Green (73%)
- Blue (89%)



- Red (93%)
- Yellow (73%)
- Blue (89%)



- Cyan (0%)
- Magenta (22%)
- Yellow (4%)
- Black (7%)




- Cyan (7%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 185, 228 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, 185, 228 by changing the saturation by 10% instead.


 237, 185, 228

255, 255, 255

 255, 241, 255

 237, 185, 228

 208, 158, 200


 181, 131, 173

 153, 106, 146

 127, 81, 120


 101, 58, 95


 77, 35, 72


 53, 12, 49

 34, 0, 29

 0, 0, 0

 237, 185, 228


 237, 185, 228

 237, 161, 224

 237, 209, 232

 237, 138, 220

 237, 232, 236

 237, 114, 216

 237, 255, 240

 237, 90, 212

 237, 255, 244

 237, 66, 207

 237, 255, 249

 237, 43, 203

 237, 255, 253

 237, 19, 199

 237, 255, 255

 237, 0, 196

Harmonies

Analogous

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



206, 194, 248



237, 185, 228



254, 181, 201

Triad

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



237, 185, 228



220, 199, 146



119, 215, 228

Complementary

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



237, 185, 228



185, 237, 194

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.



131, 216, 201



237, 185, 228



190, 208, 153

Square

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



237, 185, 228



243, 190, 154



159, 214, 173



133, 211, 248

Rectangle

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



237, 185, 228



255, 182, 182



159, 214, 173



120, 216, 219

Sweetspot

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



237, 185, 228



255, 237, 252



194, 185, 237



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



237, 185, 228



255, 189, 244



237, 185, 202



117, 106, 115



181, 0, 150



54, 0, 44

Inverse Universe

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



237, 185, 228



255, 189, 244



185, 237, 220



117, 106, 115



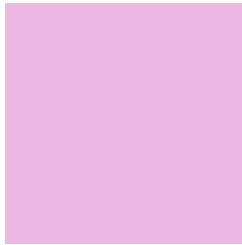
181, 0, 150



54, 0, 44

Previews

White Background



This preview shows how the RGB color 237, 185, 228 looks on a white background.

Color Contrast Check

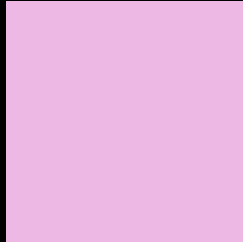
Large Text (above 18pt) WCAG AA × Fail

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, 185, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

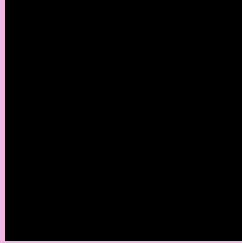
Any Text WCAG AA ✓ Pass

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, 185, 228 Background



This preview shows how black text looks on a background with the RGB color 237, 185, 228.



This preview shows how white text looks on a background with the RGB color 237, 185, 228.

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
237, 185, 228

Protanopia
194, 199, 237

Deuteranopia
209, 196, 226



Tritanopia
234, 189, 204

Trichromacy



Original Color
237, 185, 228

Protanomaly
210, 194, 234

Deuteranomaly
219, 192, 227

Tritanomaly
235, 188, 213

Monochromacy



Original Color
237, 185, 228

Achromatopsia
205, 205, 205

Achromatomaly
217, 198, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 185, 228 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, 185, 228) looks like.

```
.text, #text, p{  
    color:rgb(237, 185, 228)  
}
```

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, 185, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 185, 228) }
```

Border

The CSS property to change the border of an element to RGB 237, 185, 228 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, 185, 228) }
```

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

```
.border{ border-color:rgb(237, 185, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 185, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 185, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 185, 228); box-shadow:4px 4px 4px 4px rgb(237, 185, 228) }
```

Background

The CSS property to change the background color of an element to RGB 237, 185, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 185, 228) }
```

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

```
.background{ background-color: rgb(237,  
185, 228) }
```

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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