

Converting Colors

RGB(237, 196, 233)

Have a look what the booklet for
RGB(237, 196, 233) contains.

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Color

RGB(237, 196, 233)

Conversions

Conversions Part 1

Format	Color
Hex	EDC4E9
RGB	237, 196, 233
RGB Percent	93%, 77%, 91%
CMY	0.0706, 0.2314, 0.0863
CMYK	0.00, 0.17, 0.02, 0.07
HSL	306°, 53%, 85%
HSV	306°, 17%, 93%
XYZ	69.3730, 63.3676, 85.6656
YIQ	212.4770, 12.5590, 20.1990

Conversions

Conversions Part 2

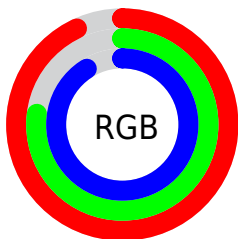
Format	Color
R _Y B	237, 196, 233
Decimal	15582441
CIE Lab	83.64, 20.72, -12.85
CIE LCh	84, 24.379, 328.194
Yxy	63.3676, 0.3176, 0.2901
Android (android.graphics.Color)	4293772521 (0xFFEDC4E9)
YUV	212.4770, 10.1178, 21.5067
Hunter-Lab	79.6038, 16.2524, -8.0823

Details

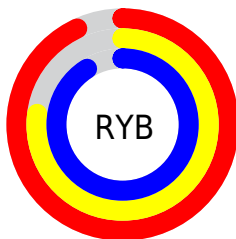
The RGB color **237, 196, 233** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **196, 237, 200**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 253, 255, and **181, 142, 177** is the 20% darker color. If you saturate the color by 10%, you get **237, 172, 231**, and if you desaturate by 10%, it is **237, 220, 235**.

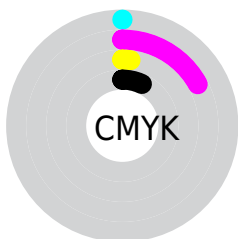
Distribution



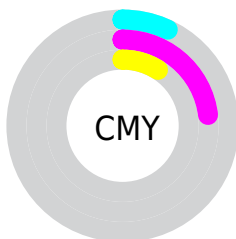
- Red (93%)
- Green (77%)
- Blue (91%)



- Red (93%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 196, 233 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, 196, 233 by changing the saturation by 10% instead.

 237, 196, 233

 237, 196, 233

255, 255, 255

 209, 169, 205

 255, 253, 255

 181, 142, 177

 154, 116, 151

 128, 91, 125


 102, 68, 100

 78, 45, 76


 54, 23, 53

 34, 0, 32

 0, 0, 5

 237, 196, 233

 237, 196, 233

 237, 172, 231


 237, 220, 235

 237, 149, 228

 237, 243, 238

 237, 125, 226

 237, 255, 240

 237, 101, 224

 237, 255, 242

 237, 78, 221

 237, 255, 245

 237, 54, 219

 237, 255, 247

 237, 30, 217

 237, 255, 249

 237, 6, 215

 237, 255, 251

 237, 0, 214

 237, 255, 254

Harmonies

Analogous

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



211, 203, 249



237, 196, 233



253, 192, 211

Triad

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



237, 196, 233



227, 206, 163



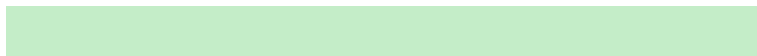
145, 221, 229

Complementary

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



237, 196, 233



196, 237, 200

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.



154, 222, 206



237, 196, 233



203, 214, 168

Square

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



237, 196, 233



246, 199, 170



176, 219, 184



154, 217, 247

Rectangle

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



237, 196, 233



255, 193, 195



176, 219, 184



146, 222, 222

Sweetspot

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



237, 196, 233



255, 242, 254



199, 196, 237



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



237, 196, 233



255, 201, 250



237, 196, 213



117, 106, 116



181, 0, 163



54, 0, 48

Inverse Universe

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



237, 196, 233



255, 201, 250



196, 237, 220



117, 106, 116



181, 0, 163



54, 0, 48

Previews

White Background



This preview shows how the RGB color 237, 196, 233 looks on a white background.

Color Contrast Check

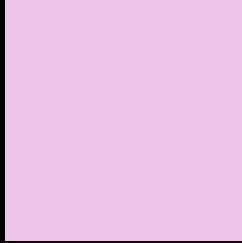
Large Text (above 18pt) WCAG AA × Fail

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, 196, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

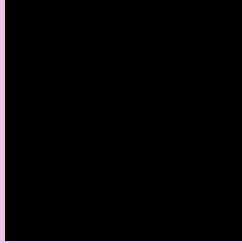
Any Text WCAG AA ✓ Pass

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, 196, 233 Background



This preview shows how black text looks on a background with the RGB color 237, 196, 233.

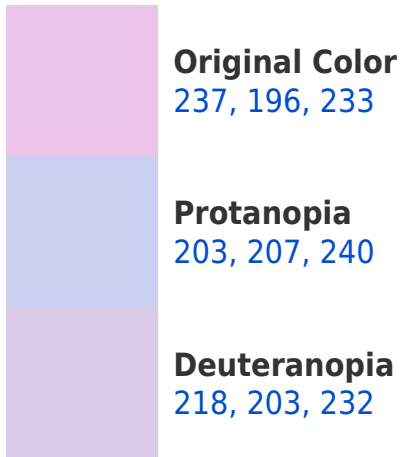



This preview shows how white text looks on a background with the RGB color 237, 196, 233.

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, 199, 215

Trichromacy



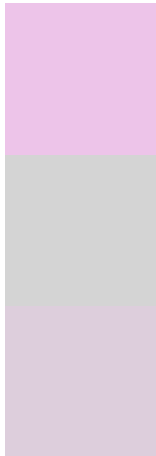
Original Color
237, 196, 233

Protanomaly
215, 203, 237

Deuteranomaly
225, 200, 232

Tritanomaly
235, 198, 222

Monochromacy



Original Color
237, 196, 233

Achromatopsia
212, 212, 212

Achromatomaly
221, 206, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 196, 233 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, 196, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 196, 233)  
}
```

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, 196, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 233) }
```

Border

The CSS property to change the border of an element to RGB 237, 196, 233 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, 196, 233) }
```

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

```
.border{ border-color:rgb(237, 196, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 196, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 196, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 196, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 196,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 237, 196, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 196, 233) }
```

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

```
.background{ background-color: rgb(237,  
196, 233) }
```

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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