

Converting Colors

RGB(237, 198, 230)

Have a look what the booklet for
RGB(237, 198, 230) contains.

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Color

RGB(237, 198, 230)

Conversions

Conversions Part 1

Format	Color
Hex	EDC6E6
RGB	237, 198, 230
RGB Percent	93%, 78%, 90%
CMY	0.0706, 0.2235, 0.0980
CMYK	0.00, 0.16, 0.03, 0.07
HSL	311°, 52%, 85%
HSV	311°, 16%, 93%
XYZ	69.4021, 64.1059, 83.5787
YIQ	213.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

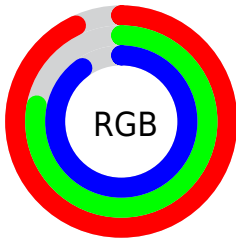
Format	Color
R _Y B	237, 198, 230
Decimal	15582950
CIE Lab	84.02, 19.12, -10.67
CIE LCh	84, 21.897, 330.829
Yxy	64.1059, 0.3197, 0.2953
Android (android.graphics.Color)	4293773030 (0xFFEDC6E6)
YUV	213.3090, 8.2287, 20.7770
Hunter-Lab	80.0661, 14.6097, -5.8448

Details

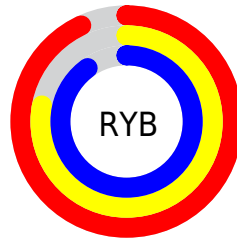
The RGB color **237, 198, 230** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **198, 237, 205**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 144, 174** is the 20% darker color. If you saturate the color by 10%, you get **237, 174, 226**, and if you desaturate by 10%, it is **237, 222, 234**.

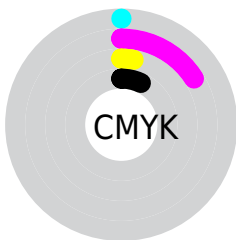
Distribution



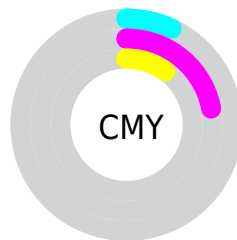
- Red (93%)
- Green (78%)
- Blue (90%)



- Red (93%)
- Yellow (78%)
- Blue (90%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (7%)




- Cyan (7%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 198, 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, 198, 230 by changing the saturation by 10% instead.


 237, 198, 230

255, 255, 255

255, 255, 255

 237, 198, 230

 209, 171, 202

 181, 144, 174

 154, 118, 148

 128, 93, 122


 102, 69, 97

 78, 47, 73


 55, 25, 51

 34, 1, 30


 0, 0, 1

 237, 198, 230


 237, 198, 230

 237, 174, 226


 237, 222, 234

 237, 151, 221

 237, 245, 239

 237, 127, 217

 237, 255, 243

 237, 103, 213

 237, 255, 247

 237, 80, 209

 237, 255, 251

 237, 56, 204

 237, 255, 255

 237, 32, 200

 237, 8, 196

 237, 0, 194

Harmonies

Analogous

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



214, 204, 245



237, 198, 230



250, 195, 210

Triad

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



237, 198, 230



225, 208, 168



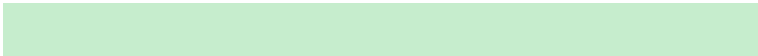
154, 221, 230

Complementary

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



237, 198, 230



198, 237, 205

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.



160, 221, 209



237, 198, 230



202, 215, 174

Square

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



237, 198, 230



243, 202, 174



179, 219, 189



164, 217, 245

Rectangle

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



237, 198, 230



253, 196, 196



179, 219, 189



154, 221, 223

Sweetspot

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



237, 198, 230



255, 242, 253



204, 198, 237



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



237, 198, 230



255, 204, 246



237, 198, 211



117, 106, 115



181, 0, 149



54, 0, 44

Inverse Universe

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



237, 198, 230



255, 204, 246



198, 237, 224



117, 106, 115



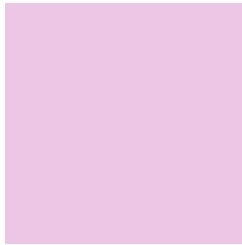
181, 0, 149



54, 0, 44

Previews

White Background



This preview shows how the RGB color 237, 198, 230 looks on a white background.

Color Contrast Check

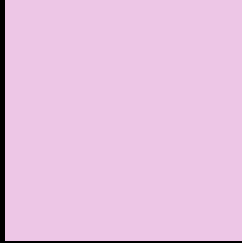
Large Text (above 18pt) WCAG AA × Fail

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, 198, 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, 198, 230 Background



This preview shows how black text looks on a background with the RGB color 237, 198, 230.



This preview shows how white text looks on a background with the RGB color 237, 198, 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



Original Color
237, 198, 230

Protanopia
206, 208, 236

Deuteranopia
221, 204, 229



Tritanopia
235, 200, 216

Trichromacy



Original Color
237, 198, 230

Protanomaly
217, 204, 234

Deuteranomaly
227, 202, 229

Tritanomaly
236, 199, 221

Monochromacy



Original Color
237, 198, 230

Achromatopsia
213, 213, 213

Achromatomaly
222, 208, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 198, 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, 198, 230)` looks like.

```
.text, #text, p{  
    color:rgb(237, 198, 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, 198, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 230) }
```

Border

The CSS property to change the border of an element to RGB 237, 198, 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, 198, 230) }
```

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

```
.border{ border-color:rgb(237, 198, 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, 198, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 230);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 237, 198, 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, 198, 230) }
```

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

```
.background{ background-color: rgb(237,  
198, 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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