

# Converting Colors

RGB(237, 181, 233)

Have a look what the booklet for  
RGB(237, 181, 233) contains.

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# **Color**

**RGB(237, 181, 233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDB5E9
RGB	237, 181, 233
RGB Percent	93%, 71%, 91%
CMY	0.0706, 0.2902, 0.0863
CMYK	0.00, 0.24, 0.02, 0.07
HSL	304°, 61%, 82%
HSV	304°, 24%, 93%
XYZ	66.1569, 56.9355, 84.5936
YIQ	203.6720, 16.6840, 28.0440

# Conversions

## Conversions Part 2

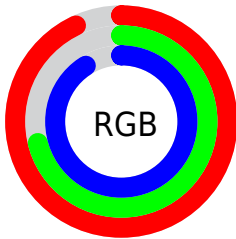
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 181, 233
Decimal	15578601
CIE Lab	80.14, 28.70, -18.10
CIE LCh	80, 33.932, 327.770
Yxy	56.9355, 0.3185, 0.2741
Android (android.graphics.Color)	4293768681 (0xFFEDB5E9)
YUV	203.6720, 14.4587, 29.2287
Hunter-Lab	75.4556, 24.4555, -13.6514

# Details

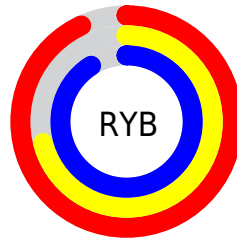
The RGB color **237, 181, 233** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **181, 237, 185**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 237, 255**, and **181, 128, 177** is the 20% darker color. If you saturate the color by 10%, you get **237, 157, 231**, and if you desaturate by 10%, it is **237, 205, 235**.

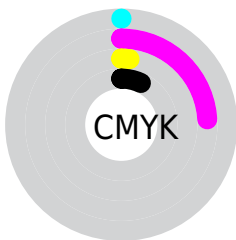
# Distribution



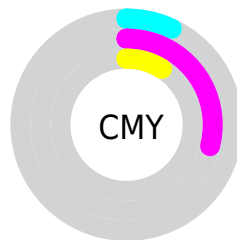
- Red (93%)
- Green (71%)
- Blue (91%)



- Red (93%)
- Yellow (71%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 237, 181, 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, 181, 233 by changing the saturation by 10% instead.




 237, 181, 233

255, 255, 255

 255, 237, 255


 237, 181, 233


 208, 154, 205

 181, 128, 177

 153, 102, 150

 127, 77, 125

 101, 54, 100


 76, 31, 75


 52, 7, 53

 34, 0, 32


 0, 0, 3

 237, 181, 233

 237, 181, 233

 237, 157, 231

 237, 205, 235

 237, 134, 230


 237, 228, 236

 237, 110, 228

 237, 252, 238

 237, 86, 226

 237, 255, 240

 237, 63, 225

 237, 255, 241

 237, 39, 223

 237, 255, 243

 237, 15, 221

 237, 255, 245

 237, 0, 220

 237, 255, 247

 237, 255, 248

# Harmonies

## Analogous

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



200, 191, 255



237, 181, 233



255, 175, 202

# Triad

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



237, 181, 233



223, 196, 135



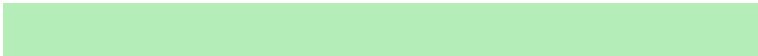
96, 216, 227

# Complementary

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



237, 181, 233



181, 237, 185

# 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.



118, 216, 195



237, 181, 233



190, 206, 142

# Square

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



237, 181, 233



249, 185, 146



153, 213, 164



111, 211, 251

# Rectangle

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



237, 181, 233



255, 176, 181



153, 213, 164



100, 216, 217



# Sweetspot

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



237, 181, 233



255, 237, 254



185, 181, 237



128, 117, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



237, 181, 233



255, 184, 250



237, 181, 205



117, 106, 116



181, 0, 168



54, 0, 50



# Inverse Universe

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



237, 181, 233



255, 184, 250



181, 237, 213



117, 106, 116



181, 0, 168



54, 0, 50



# Previews

## White Background



This preview shows how the RGB color 237, 181, 233 looks on a white background.

## Color Contrast Check

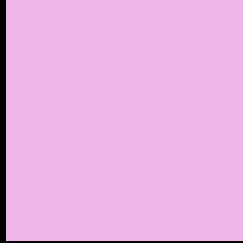
Large Text (above 18pt) WCAG AA × Fail

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, 181, 233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

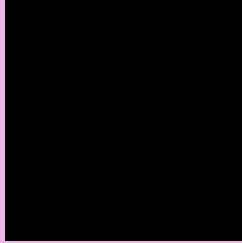
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 237, 181, 233 Background



This preview shows how black text looks on a background with the RGB color 237, 181, 233.



This preview shows how white text looks on a background with the RGB color 237, 181, 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



**Original Color**  
237, 181, 233

**Protanopia**  
188, 197, 244

**Deuteranopia**  
203, 194, 230



**Tritanopia**  
233, 187, 201

# Trichromacy



**Original Color**

237, 181, 233



**Protanomaly**

206, 191, 240



**Deuteranomaly**

215, 189, 231



**Tritanomaly**

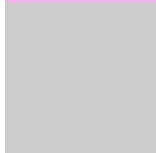
234, 185, 213

# Monochromacy



**Original Color**

237, 181, 233



**Achromatopsia**

204, 204, 204



**Achromatomaly**

216, 196, 215

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 237, 181, 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, 181, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 181, 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, 181, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 181, 233) }
```

## Border

The CSS property to change the border of an element to RGB 237, 181, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

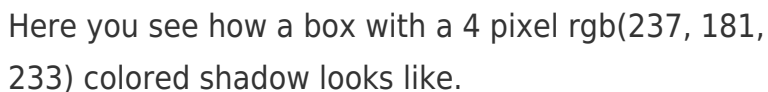
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 181, 233) }
```

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

```
.border{ border-color:rgb(237, 181, 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, 181, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 181, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 181, 233); box-shadow:4px 4px 4px 4px rgb(237, 181, 233) }
```

# Background

The CSS property to change the background color of an element to RGB 237, 181, 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, 181, 233) }
```

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

```
.background{ background-color: rgb(237,  
181, 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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