

Converting Colors

RGB(235, 177, 175)

Have a look what the booklet for
RGB(235, 177, 175) contains.

RGB(235, 177, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(235, 177, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EBB1AF
RGB	235, 177, 175
RGB Percent	92%, 69%, 69%
CMY	0.0784, 0.3059, 0.3137
CMYK	0.00, 0.25, 0.26, 0.08
HSL	2°, 60%, 80%
HSV	2°, 26%, 92%
XYZ	57.7210, 52.2016, 47.5911
YIQ	194.1140, 35.2100, 11.6740

Conversions

Conversions Part 2

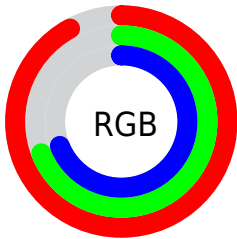
Format	Color
R _Y B	235, 177, 175
Decimal	15446447
CIE Lab	77.40, 20.83, 9.26
CIE LCh	77, 22.790, 23.961
Yxy	52.2016, 0.3665, 0.3314
Android (android.graphics.Color)	4293636527 (0xFFEBB1AF)
YUV	194.1140, -9.4232, 35.8570
Hunter-Lab	72.2507, 16.1647, 11.5215

Details

The RGB color **235, 177, 175** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **175, 233, 235**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 233, 230**, and **178, 124, 123** is the 20% darker color. If you saturate the color by 10%, you get **235, 154, 152**, and if you desaturate by 10%, it is **235, 200, 199**.

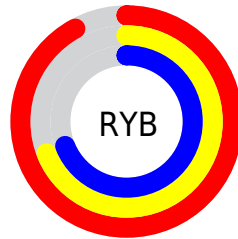
Distribution



Red (92%)

Green (69%)

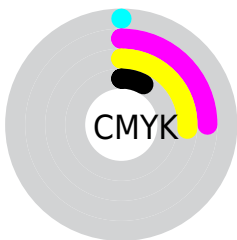
Blue (69%)



Red (92%)

Yellow (69%)

Blue (69%)

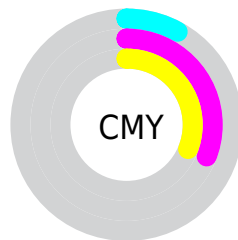


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 177, 175 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 235, 177, 175 by changing the saturation by 10% instead.

 235, 177, 175

 235, 177, 175


255, 255, 255


 206, 150, 148


 255, 233, 230

 178, 124, 123

 151, 99, 98

 124, 75, 74

 98, 51, 51

 73, 29, 30

 49, 7, 6

 21, 0, 0


 0, 0, 0

 235, 177, 175

 235, 177, 175

 235, 154, 152

 235, 200, 199

 235, 132, 128

 235, 222, 222

 235, 109, 105

 235, 245, 246

 235, 86, 81

 235, 255, 255

 235, 63, 58

 235, 41, 34

 235, 18, 11

 235, 8, 0

Harmonies

Analogous

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



231, 177, 196



235, 177, 175



228, 182, 158

Triad

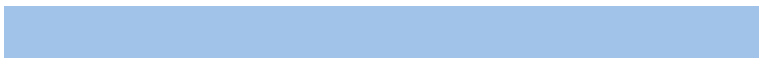
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 177, 175



165, 200, 166



161, 194, 233

Complementary

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



235, 177, 175



175, 233, 235

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.



139, 200, 225



235, 177, 175



144, 203, 186

Square

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



235, 177, 175



189, 195, 152



133, 203, 208



189, 187, 230

Rectangle

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



235, 177, 175



218, 186, 151



133, 203, 208



152, 197, 231

Sweetspot

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



235, 177, 175



255, 235, 235



235, 175, 233



128, 115, 115



0, 0, 0



128, 128, 128

Same Dimension

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



235, 177, 175



255, 179, 176



235, 206, 175



117, 106, 106



181, 6, 0



54, 2, 0

Inverse Universe

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



175, 233, 235



176, 252, 255



175, 203, 235



106, 117, 117



0, 175, 181



0, 52, 54

Previews

White Background



This preview shows how the RGB color 235, 177, 175 looks on a white background.

Color Contrast Check

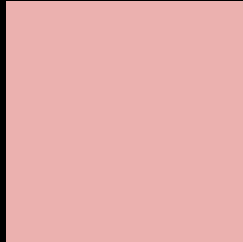
Large Text (above 18pt) WCAG AA × Fail

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 235, 177, 175 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 235, 177, 175 Background



This preview shows how black text looks on a background with the RGB color 235, 177, 175.



This preview shows how white text looks on a background with the RGB color 235, 177, 175.

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
235, 177, 175

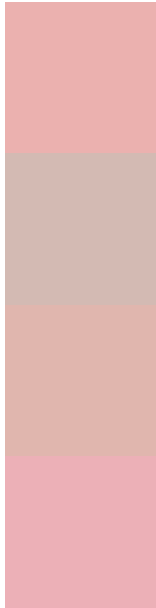
Protanopia
197, 191, 182

Deuteranopia
217, 185, 174



Tritanopia
236, 175, 188

Trichromacy



Original Color
235, 177, 175

Protanomaly
211, 186, 179

Deuteranomaly
224, 182, 174

Tritanomaly
236, 176, 183

Monochromacy



Original Color
235, 177, 175

Achromatopsia
194, 194, 194

Achromatomaly
209, 188, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 177, 175 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(235, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 175)  
}
```

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(235, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 175) }
```

Border

The CSS property to change the border of an element to RGB 235, 177, 175 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(235, 177, 175) }
```

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

```
.border{ border-color:rgb(235, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 235, 177, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 177, 175) }
```

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

```
.background{ background-color: rgb(235,  
177, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor