

Converting Colors

RGB(234, 175, 186)

Have a look what the booklet for
RGB(234, 175, 186) contains.

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Color

RGB(234, 175, 186)

Conversions

Conversions Part 1

Format	Color
Hex	EAAFBA
RGB	234, 175, 186
RGB Percent	92%, 69%, 73%
CMY	0.0824, 0.3137, 0.2706
CMYK	0.00, 0.25, 0.21, 0.08
HSL	349°, 58%, 80%
HSV	349°, 25%, 92%
XYZ	58.1246, 51.6975, 53.3695
YIQ	193.8950, 31.6330, 15.9290

Conversions

Conversions Part 2

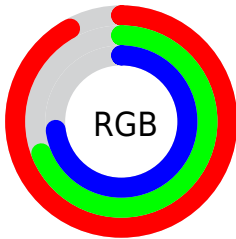
Format	Color
RYB	234, 175, 186
Decimal	15380410
CIELab	77.10, 23.11, 2.83
CIELCh	77, 23.282, 6.970
Yxy	51.6975, 0.3562, 0.3168
Android (android.graphics.Color)	4293570490 (0xFFEAAFBA)
YUV	193.8950, -3.8922, 35.1721
Hunter-Lab	71.9010, 18.4722, 6.3219

Details

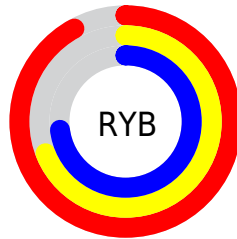
The RGB color **234, 175, 186** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175, 234, 223**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 231, 242**, and **177, 122, 133** is the 20% darker color. If you saturate the color by 10%, you get **234, 152, 167**, and if you desaturate by 10%, it is **234, 198, 205**.

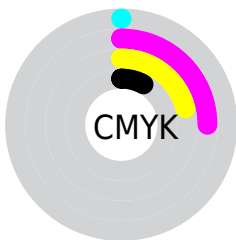
Distribution



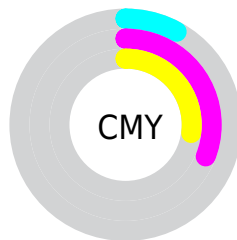
- Red (92%)
- Green (69%)
- Blue (73%)



- Red (92%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (8%)




- Cyan (8%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 175, 186 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 234, 175, 186 by changing the saturation by 10% instead.

 234, 175, 186

 234, 175, 186

255, 255, 255

 205, 148, 159


 255, 231, 242

 177, 122, 133

 150, 97, 108

 123, 73, 84

 98, 49, 61

 73, 27, 39

 48, 5, 18

 23, 0, 0

 0, 0, 0

■ 234, 175, 186

■ 234, 175, 186

■ 234, 152, 167

■ 234, 198, 205

■ 234, 128, 148

■ 234, 222, 224

■ 234, 105, 129

■ 234, 245, 243

■ 234, 81, 110

■ 234, 255, 255

■ 234, 58, 91

■ 234, 35, 72

■ 234, 11, 53

■ 234, 0, 44

Harmonies

Analogous

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



223, 177, 208



234, 175, 186



233, 177, 165

Triad

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



234, 175, 186



178, 197, 156



145, 197, 229

Complementary

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



234, 175, 186



175, 234, 223

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, 201, 215



234, 175, 186



153, 201, 173

Square

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



234, 175, 186



202, 191, 148



135, 203, 195



172, 191, 233

Rectangle

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



234, 175, 186



226, 181, 155



135, 203, 195



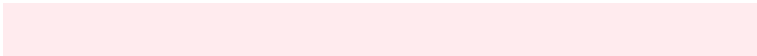
138, 199, 226

Sweetspot

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



234, 175, 186



255, 235, 238



222, 175, 234



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

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



234, 175, 186



255, 179, 193



234, 193, 175



117, 106, 108



181, 0, 34



54, 0, 10

Inverse Universe

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



234, 175, 186



255, 179, 193



175, 216, 234



117, 106, 108



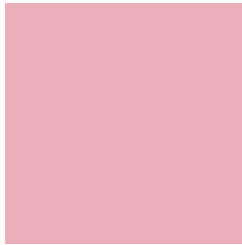
181, 0, 34



54, 0, 10

Previews

White Background



This preview shows how the RGB color 234, 175, 186 looks on a white background.

Color Contrast Check

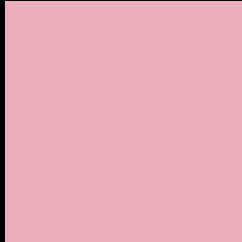
Large Text (above 18pt) WCAG AA × Fail

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 234, 175, 186 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 234, 175, 186 Background



This preview shows how black text looks on a background with the RGB color 234, 175, 186.



This preview shows how white text looks on a background with the RGB color 234, 175, 186.

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
234, 175, 186

Protanopia
193, 190, 194

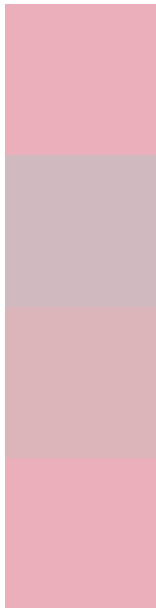
Deuteranopia
211, 184, 184



Tritanopia

234, 175, 188

Trichromacy



Original Color

234, 175, 186

Protanomaly

208, 185, 191

Deuteranomaly

219, 181, 185

Tritanomaly

234, 175, 187

Monochromacy



Original Color

234, 175, 186

Achromatopsia

194, 194, 194

Achromatomaly

209, 187, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 175, 186 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(234, 175, 186) looks like.

```
.text, #text, p{  
    color:rgb(234, 175, 186)  
}
```

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(234, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 175, 186) }
```

Border

The CSS property to change the border of an element to RGB 234, 175, 186 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(234, 175, 186) }
```

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

```
.border{ border-color:rgb(234, 175, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(234, 175,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 234, 175, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 175, 186) }
```

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

```
.background{ background-color: rgb(234,  
175, 186) }
```

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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