

Converting Colors

`RYB(234, 176, 175)`

Have a look what the booklet for RYB(234, 176, 175) contains.

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Color

R_YB(234, 176, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EAB0AF
RGB	234, 176, 175
RGB Percent	92%, 69%, 69%
CMY	0.0824, 0.3099, 0.3137
CMYK	0.00, 0.25, 0.25, 0.08
HSL	1°, 58%, 80%
HSV	1°, 25%, 92%
XYZ	57.1916, 51.6317, 47.5090
YIQ	193.2280, 34.8890, 11.9850

Conversions

Conversions Part 2

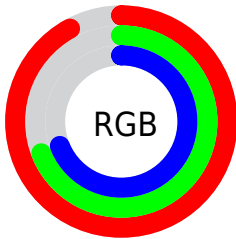
Format	Color
R_{YB}	234, 176, 175
Decimal	15380655
CIE _{Lab}	77.06, 21.00, 8.75
CIE _{LCh}	77, 22.750, 22.632
Yxy	51.6317, 0.3658, 0.3303
Android (android.graphics.Color)	4293570735 (0xFFEAB0AF)
YUV	193.2280, -8.9864, 35.7570
Hunter-Lab	71.8552, 16.3267, 11.0974

Details

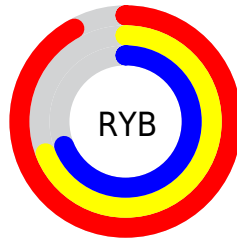
The RYB color **234, 176, 175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175, 204, 234**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 232, 230**, and **177, 123, 123** is the 20% darker color. If you saturate the color by 10%, you get **234, 153, 152**, and if you desaturate by 10%, it is **234, 199, 198**.

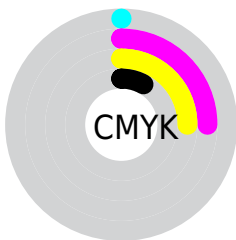
Distribution



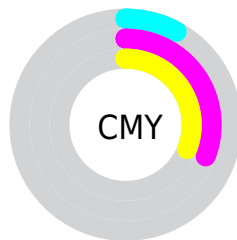
- Red (92%)
- Green (69%)
- Blue (69%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 176, 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 RYB color 234, 176, 175 by changing the saturation by 10% instead.

 234, 176, 175

 234, 176, 175

255, 255, 255

 205, 149, 148

 255, 232, 230

 177, 123, 123

 150, 98, 98

 123, 74, 74


 97, 51, 51

 72, 28, 30

 48, 6, 6

 19, 0, 0


 0, 0, 0

 234, 176, 175


 234, 176, 175

 234, 153, 152

 234, 199, 198

 234, 130, 128

 234, 222, 222

 234, 107, 105

 234, 240, 245

 234, 84, 81

 234, 245, 255

 234, 61, 58

 234, 38, 35

 234, 15, 11

 234, 4, 0

Harmonies

Analogous

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



229, 176, 196



234, 176, 175



227, 190, 158

Triad

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



234, 176, 175



164, 199, 198



159, 183, 232

Complementary

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



234, 176, 175



175, 204, 234

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.



137, 173, 223



234, 176, 175



144, 178, 202

Square

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



234, 176, 175



151, 194, 156



132, 168, 206



187, 187, 229

Rectangle

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



234, 176, 175



216, 218, 151



132, 168, 206



150, 179, 230

Sweetspot

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



234, 176, 175



255, 235, 235



234, 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.



234, 176, 175



255, 180, 179



234, 232, 175



117, 106, 106



181, 3, 0



54, 1, 0

Inverse Universe

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



175, 204, 234



179, 217, 255



175, 194, 234



106, 112, 117



0, 90, 181



0, 27, 54

Previews

White Background



This preview shows how the RYB color 234, 176, 175 looks on a white background.

Color Contrast Check

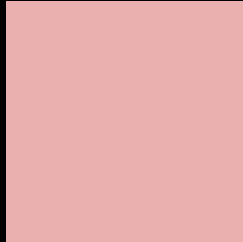
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 234, 176, 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](#).

RYB 234, 176, 175 Background



This preview shows how black text looks on a background with the RYB color 234, 176, 175.

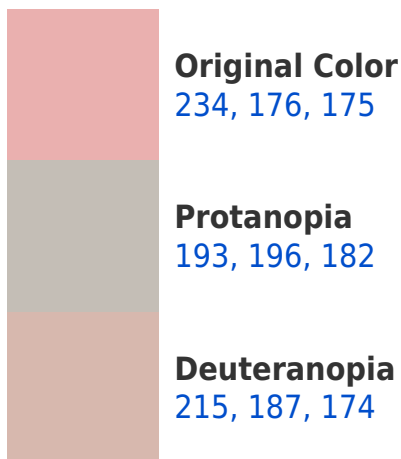


This preview shows how white text looks on a background with the RYB color 234, 176, 175.

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





Tritanopia
235, 174, 187

Trichromacy



Original Color

234, 176, 175

Protanomaly

210, 186, 179

Deuteranomaly

222, 182, 174

Tritanomaly

235, 175, 183

Monochromacy



Original Color

234, 176, 175

Achromatopsia

193, 193, 193

Achromatomaly

208, 187, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 176, 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(234, 176, 175) looks like.

```
.text, #text, p{  
    color:rgb(234, 176, 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(234, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 176, 175) }
```

Border

The CSS property to change the border of an element to RYB 234, 176, 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(234, 176, 175) }
```

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

```
.border{ border-color:rgb(234, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(234, 176,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 234, 176, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 176, 175) }
```

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

```
.background{ background-color: rgb(234,  
176, 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](#).

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