

Converting Colors

`RYB(235, 176, 187)`

Have a look what the booklet for RYB(235, 176, 187) contains.

RYB(235, 176, 187)	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

`RYB(235, 176, 187)`

Conversions

Conversions Part 1

Format	Color
Hex	EBB0BB
RGB	235, 176, 187
RGB Percent	92%, 69%, 73%
CMY	0.0784, 0.3098, 0.2667
CMYK	0.00, 0.25, 0.20, 0.08
HSL	349°, 60%, 81%
HSV	349°, 25%, 92%
XYZ	58.7559, 52.3007, 54.0120
YIQ	194.8950, 31.6330, 15.9290

Conversions

Conversions Part 2

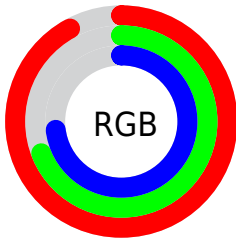
Format	Color
R _Y B	235, 176, 187
Decimal	15446203
CIE Lab	77.46, 23.09, 2.82
CIE LCh	77, 23.258, 6.956
Yxy	52.3007, 0.3559, 0.3168
Android (android.graphics.Color)	4293636283 (0xFFEBB0BB)
YUV	194.8950, -3.8922, 35.1721
Hunter-Lab	72.3192, 18.4641, 6.3424

Details

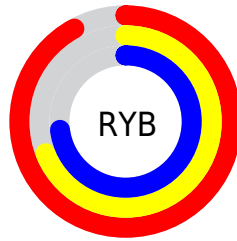
The RYB color **235, 176, 187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **176, 209, 235**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 232, 243**, and **178, 123, 134** is the 20% darker color. If you saturate the color by 10%, you get **235, 153, 168**, and if you desaturate by 10%, it is **235, 200, 206**.

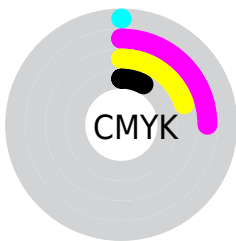
Distribution



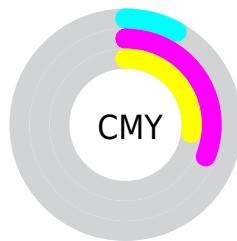
- Red (92%)
- Green (69%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (8%)



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

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 176, 187 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 235, 176, 187 by changing the saturation by 10% instead.

 235, 176, 187


 235, 176, 187

255, 255, 255

 206, 149, 160

 255, 232, 243

 178, 123, 134

 151, 98, 109

 124, 74, 84

 98, 50, 61

 73, 28, 40

 49, 5, 19

 25, 0, 1

 0, 0, 0

 235, 176, 187


 235, 176, 187

 235, 153, 168

 235, 200, 206

 235, 129, 149

 235, 223, 225

 235, 106, 130

 235, 242, 247

 235, 82, 111

 235, 245, 255

 235, 58, 91

 235, 35, 72

 235, 12, 53

 235, 0, 44

Harmonies

Analogous

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



224, 178, 209



235, 176, 187



234, 181, 166

Triad

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



235, 176, 187



157, 198, 176



146, 178, 230

Complementary

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



235, 176, 187



176, 209, 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.



132, 170, 216



235, 176, 187



154, 188, 202

Square

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



235, 176, 187



163, 203, 149



136, 172, 204



173, 187, 234

Rectangle

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



235, 176, 187



227, 197, 156



136, 172, 204



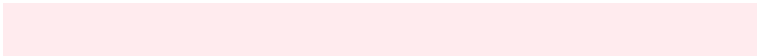
139, 175, 227

Sweetspot

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



235, 176, 187



255, 235, 238



223, 176, 235



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

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



235, 176, 187



255, 179, 193



235, 202, 176



117, 106, 108



181, 0, 34



54, 0, 10

Inverse Universe

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



235, 176, 187



255, 179, 193



176, 200, 235



117, 106, 108



181, 0, 34



54, 0, 10

Previews

White Background



This preview shows how the RYB color 235, 176, 187 looks on a white background.

Color Contrast Check

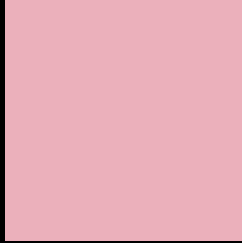
Large Text (above 18pt) WCAG AA × Fail

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 235, 176, 187 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 235, 176, 187 Background



This preview shows how black text looks on a background with the RYB color 235, 176, 187.

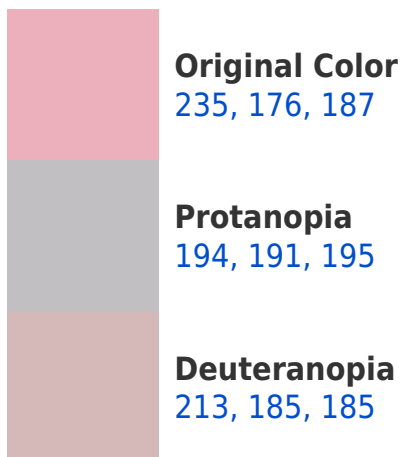



This preview shows how white text looks on a background with the RYB color 235, 176, 187.

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](#).

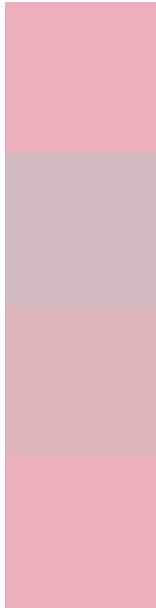
Dichromacy





Tritanopia
235, 176, 189

Trichromacy



Original Color
235, 176, 187

Protanomaly
209, 186, 192

Deuteranomaly
221, 182, 186

Tritanomaly
235, 176, 188

Monochromacy



Original Color
235, 176, 187

Achromatopsia
195, 195, 195

Achromatomaly
210, 188, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 176, 187 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, 176, 187) looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 187)  
}
```

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, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 187) }
```

Border

The CSS property to change the border of an element to RYB 235, 176, 187 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, 176, 187) }
```

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

```
.border{ border-color:rgb(235, 176, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(235, 176,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 235, 176, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 176, 187) }
```

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

```
.background{ background-color: rgb(235,  
176, 187) }
```

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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