

Converting Colors

`RYB(235, 176, 191)`

Have a look what the booklet for
RYB(235, 176, 191) contains.

RYB(235, 176, 191)	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

R_YB(235, 176, 191)

Conversions

Conversions Part 1

Format	Color
Hex	EBB0BF
RGB	235, 176, 191
RGB Percent	92%, 69%, 75%
CMY	0.0784, 0.3098, 0.2510
CMYK	0.00, 0.25, 0.19, 0.08
HSL	345°, 60%, 81%
HSV	345°, 25%, 92%
XYZ	59.1903, 52.4744, 56.2991
YIQ	195.3510, 30.3490, 17.1730

Conversions

Conversions Part 2

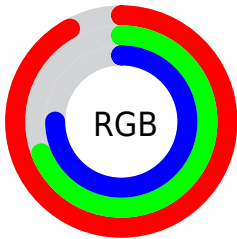
Format	Color
R _Y B	235, 176, 191
Decimal	15446207
CIE Lab	77.56, 23.69, 0.79
CIE LCh	78, 23.701, 1.913
Yxy	52.4744, 0.3524, 0.3124
Android (android.graphics.Color)	4293636287 (0xFFEBB0BF)
YUV	195.3510, -2.1450, 34.7722
Hunter-Lab	72.4392, 19.0841, 4.6278

Details

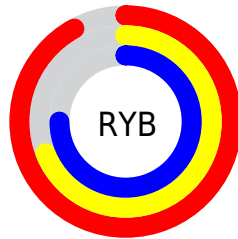
The RYB color **235, 176, 191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **176, 210, 235**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 232, 247**, and **178, 123, 138** is the 20% darker color. If you saturate the color by 10%, you get **235, 153, 173**, and if you desaturate by 10%, it is **235, 200, 209**.

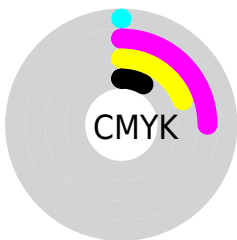
Distribution



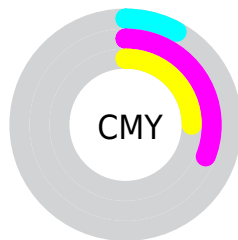
- Red (92%)
- Green (69%)
- Blue (75%)



- Red (92%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (8%)




- Cyan (8%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 176, 191 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, 191 by changing the saturation by 10% instead.


 235, 176, 191


 235, 176, 191

255, 255, 255

 206, 149, 164

 255, 232, 247

 178, 123, 138

 151, 98, 112

 124, 73, 88

 99, 50, 65

 74, 28, 43


 49, 5, 22

 26, 0, 1

 0, 0, 0

 235, 176, 191

 235, 176, 191

 235, 153, 173

 235, 200, 209

 235, 129, 156

 235, 223, 226

 235, 106, 138

 235, 242, 247

 235, 82, 121

 235, 245, 255

 235, 58, 103

 235, 35, 86

 235, 12, 68

 235, 0, 60

Harmonies

Analogous

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



221, 179, 213



235, 176, 191



236, 179, 169

Triad

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



235, 176, 191



154, 197, 168



142, 177, 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, 191



176, 210, 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.



130, 169, 214



235, 176, 191



158, 193, 202

Square

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



235, 176, 191



170, 207, 148



137, 174, 204



168, 186, 235

Rectangle

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



235, 176, 191



230, 192, 158



137, 174, 204



136, 174, 225

Sweetspot

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



235, 176, 191



255, 235, 240



219, 176, 235



128, 115, 118



0, 0, 0



128, 128, 128

Same Dimension

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



235, 176, 191



255, 179, 198



235, 194, 176



117, 106, 109



181, 0, 46



54, 0, 14

Inverse Universe

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



235, 176, 191



255, 179, 198



176, 202, 235



117, 106, 109



181, 0, 46



54, 0, 14

Previews

White Background



This preview shows how the RYB color 235, 176, 191 looks on a white background.

Color Contrast Check

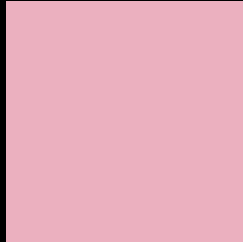
Large Text (above 18pt) WCAG AA × Fail

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, 191 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, 191 Background



This preview shows how black text looks on a background with the RYB color 235, 176, 191.

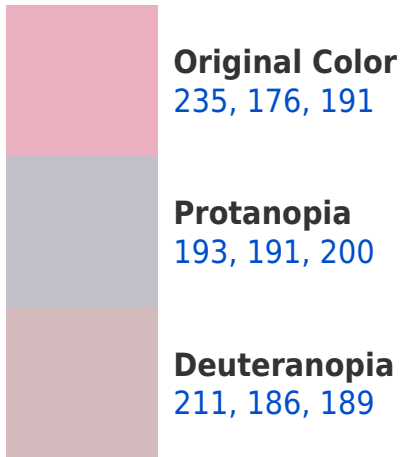



This preview shows how white text looks on a background with the RYB color 235, 176, 191.

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, 190

Trichromacy



Original Color
235, 176, 191

Protanomaly
208, 186, 197

Deuteranomaly
220, 182, 190

Tritanomaly
235, 176, 190

Monochromacy



Original Color
235, 176, 191

Achromatopsia
195, 195, 195

Achromatomaly
210, 188, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 176, 191 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, 191) looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 191) }
```

Border

The CSS property to change the border of an element to RYB 235, 176, 191 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, 191) }
```

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

```
.border{ border-color:rgb(235, 176, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 176, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 176, 191);  
box-shadow:4px 4px 4px 4px rgb(235, 176,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 235, 176, 191 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, 191) }
```

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

```
.background{ background-color: rgb(235,  
176, 191) }
```

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