

Converting Colors

`RYB(235, 185, 210)`

Have a look what the booklet for
RYB(235, 185, 210) contains.

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Color

R_YB(235, 185, 210)

Conversions

Conversions Part 1

Format	Color
Hex	EBB9D2
RGB	235, 185, 210
RGB Percent	92%, 73%, 82%
CMY	0.0784, 0.2745, 0.1765
CMYK	0.00, 0.21, 0.11, 0.08
HSL	330°, 56%, 82%
HSV	330°, 21%, 92%
XYZ	63.2428, 57.0132, 68.6442
YIQ	202.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

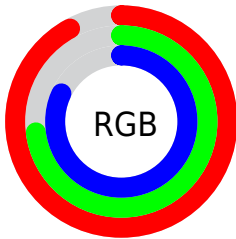
Format	Color
R _Y B	235, 185, 210
Decimal	15448530
CIE Lab	80.19, 21.91, -5.65
CIE LCh	80, 22.628, 345.534
Yxy	57.0132, 0.3348, 0.3018
Android (android.graphics.Color)	4293638610 (0xFFEBB9D2)
YUV	202.8000, 3.5496, 28.2394
Hunter-Lab	75.5071, 17.3695, -1.0461

Details

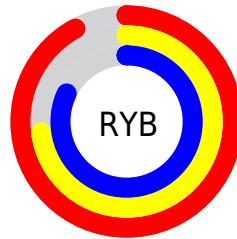
The RYB color **235, 185, 210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **185, 218, 235**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 241, 255**, and **179, 132, 156** is the 20% darker color. If you saturate the color by 10%, you get **235, 162, 198**, and if you desaturate by 10%, it is **235, 209, 222**.

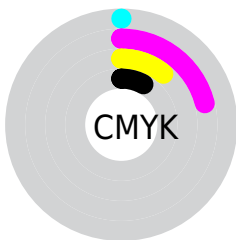
Distribution



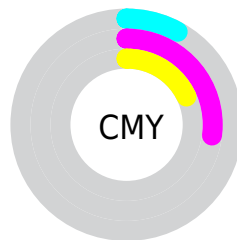
- Red (92%)
- Green (73%)
- Blue (82%)



- Red (92%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 185, 210 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, 185, 210 by changing the saturation by 10% instead.

 235, 185, 210


 235, 185, 210

255, 255, 255

 207, 158, 182


 255, 241, 255

 179, 132, 156

 152, 106, 130

 125, 82, 104

 100, 58, 80

 75, 36, 57

 52, 14, 36

 33, 0, 15

 0, 0, 0

■ 235, 185, 210

■ 235, 185, 210

■ 235, 162, 198

■ 235, 209, 222

■ 235, 138, 187

■ 235, 232, 234

■ 235, 115, 175

■ 235, 248, 255

■ 235, 91, 163

■ 235, 245, 255

■ 235, 68, 151

■ 235, 44, 139

■ 235, 21, 128

■ 235, 0, 118

Harmonies

Analogous

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



216, 190, 229



235, 185, 210



243, 184, 188

Triad

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



235, 185, 210



161, 204, 158



144, 181, 228

Complementary

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



235, 185, 210



185, 218, 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.



142, 177, 211



235, 185, 210



169, 207, 197

Square

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



235, 185, 210



216, 225, 158



157, 190, 210



162, 189, 239

Rectangle

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



235, 185, 210



241, 188, 175



157, 190, 210



141, 178, 223

Sweetspot

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



235, 185, 210



255, 240, 247



210, 185, 235



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

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



235, 185, 210



255, 189, 222



235, 185, 185



117, 106, 111



181, 0, 91



54, 0, 27

Inverse Universe

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



235, 185, 210



255, 189, 222



185, 210, 235



117, 106, 111



181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RYB color 235, 185, 210 looks on a white background.

Color Contrast Check

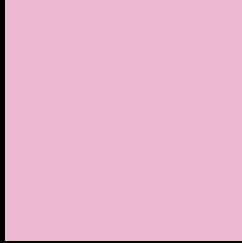
Large Text (above 18pt) WCAG AA × Fail

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, 185, 210 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, 185, 210 Background



This preview shows how black text looks on a background with the RYB color 235, 185, 210.



This preview shows how white text looks on a background with the RYB color 235, 185, 210.

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, 185, 210

Protanopia
197, 198, 218

Deuteranopia
214, 193, 208



Tritanopia
234, 187, 201

Trichromacy



Original Color
235, 185, 210

Protanomaly
211, 193, 215

Deuteranomaly
222, 190, 209

Tritanomaly
234, 186, 204

Monochromacy



Original Color
235, 185, 210

Achromatopsia
203, 203, 203

Achromatomaly
215, 196, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 185, 210 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, 185, 210) looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 210)  
}
```

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, 185, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 210) }
```

Border

The CSS property to change the border of an element to RYB 235, 185, 210 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, 185, 210) }
```

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

```
.border{ border-color:rgb(235, 185, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 185, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 210);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 235, 185, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 210) }
```

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

```
.background{ background-color: rgb(235,  
185, 210) }
```

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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