

Converting Colors

`RYB(235, 141, 145)`

Have a look what the booklet for RYB(235, 141, 145) contains.

RYB(235, 141, 145)	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, 141, 145)

Conversions

Conversions Part 1

Format	Color
Hex	EB8D91
RGB	235, 141, 145
RGB Percent	92%, 55%, 57%
CMY	0.0784, 0.4471, 0.4314
CMYK	0.00, 0.40, 0.38, 0.08
HSL	357°, 70%, 74%
HSV	357°, 40%, 92%
XYZ	48.8967, 38.7563, 31.6916
YIQ	169.5620, 54.7400, 21.1720

Conversions

Conversions Part 2

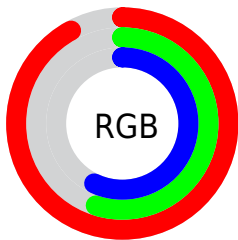
Format	Color
R _Y B	235, 141, 145
Decimal	15437201
CIE Lab	68.57, 36.09, 13.27
CIE LCh	69, 38.455, 20.193
Yxy	38.7563, 0.4097, 0.3247
Android (android.graphics.Color)	4293627281 (0xFFEB8D91)
YUV	169.5620, -12.1091, 57.3891
Hunter-Lab	62.2545, 31.2541, 13.3957

Details

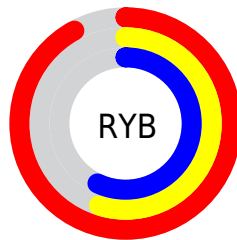
The RYB color **235, 141, 145** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **141, 189, 235**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 196, 199**, and **176, 89, 95** is the 20% darker color. If you saturate the color by 10%, you get **235, 118, 122**, and if you desaturate by 10%, it is **235, 165, 167**.

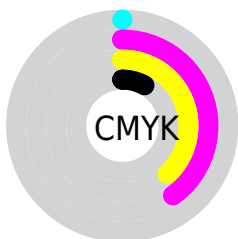
Distribution



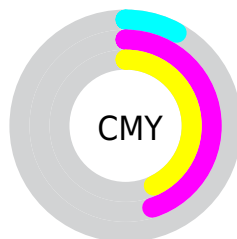
- Red (92%)
- Green (55%)
- Blue (57%)



- Red (92%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (8%)



- Cyan (8%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 141, 145 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, 141, 145 by changing the saturation by 10% instead.

 235, 141, 145

 235, 141, 145

255, 255, 255

 205, 115, 119

 255, 196, 199


 176, 89, 95

 255, 224, 227

 148, 64, 71

255, 253, 255

 120, 39, 49

 93, 11, 28

 67, 0, 1

 43, 0, 1

 0, 0, 0

 235, 141, 145

 235, 141, 145

 235, 118, 122

 235, 165, 167

 235, 94, 100

 235, 188, 190

 235, 71, 77

 235, 212, 212

 235, 47, 55

 235, 235, 235

 235, 23, 32

 235, 245, 255

 235, 0, 10

Harmonies

Analogous

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



227, 141, 180



235, 141, 145



225, 164, 115

Triad

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



235, 141, 145



122, 181, 177



95, 146, 235

Complementary

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



235, 141, 145



141, 189, 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.



18, 109, 220



235, 141, 145



80, 142, 185

Square

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



235, 141, 145



101, 172, 107



13, 100, 190



154, 161, 232

Rectangle

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



235, 141, 145



206, 210, 102



13, 100, 190



72, 135, 232

Sweetspot

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



235, 141, 145



255, 224, 226



230, 141, 235



128, 110, 110



0, 0, 0



128, 128, 128

Same Dimension

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



235, 141, 145



255, 133, 138



235, 217, 141



117, 106, 106



181, 0, 8



54, 0, 2

Inverse Universe

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



235, 141, 145



255, 133, 138



141, 174, 235



117, 106, 106



181, 0, 8



54, 0, 2

Previews

White Background



This preview shows how the RYB color 235, 141, 145 looks on a white background.

Color Contrast Check

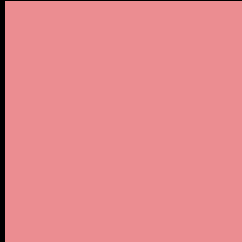
Large Text (above 18pt) WCAG AA × Fail

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, 141, 145 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, 141, 145 Background



This preview shows how black text looks on a background with the RYB color 235, 141, 145.

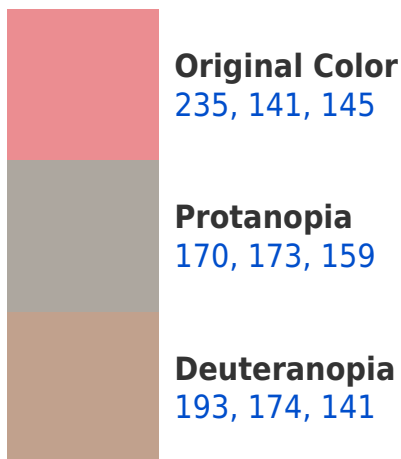


This preview shows how white text looks on a background with the RYB color 235, 141, 145.

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, 140, 151

Trichromacy



Original Color

235, 141, 145



Protanomaly

196, 158, 154



Deuteranomaly

208, 157, 142



Tritanomaly

235, 140, 149

Monochromacy



Original Color

235, 141, 145



Achromatopsia

170, 170, 170



Achromatomaly

194, 159, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 141, 145 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, 141, 145) looks like.

```
.text, #text, p{  
    color:rgb(235, 141, 145)  
}
```

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, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 141, 145) }
```

Border

The CSS property to change the border of an element to RYB 235, 141, 145 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, 141, 145) }
```

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

```
.border{ border-color:rgb(235, 141, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 141, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(235, 141,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 235, 141, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 141, 145) }
```

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

```
.background{ background-color: rgb(235,  
141, 145) }
```

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