

Converting Colors

`RYB(235, 151, 196)`

Have a look what the booklet for RYB(235, 151, 196) contains.

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Color

R_YB(235, 151, 196)

Conversions

Conversions Part 1

Format	Color
Hex	EB97C4
RGB	235, 151, 196
RGB Percent	92%, 59%, 77%
CMY	0.0784, 0.4078, 0.2314
CMYK	0.00, 0.36, 0.17, 0.08
HSL	328°, 68%, 76%
HSV	328°, 36%, 92%
XYZ	55.2914, 43.7809, 57.7609
YIQ	181.2460, 35.6190, 31.8030

Conversions

Conversions Part 2

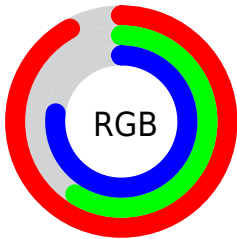
Format	Color
R_{YB}	235, 151, 196
Decimal	15439812
CIE _{Lab}	72.08, 37.73, -10.04
CIE _{LCh}	72, 39.040, 345.101
Yxy	43.7809, 0.3525, 0.2792
Android (android.graphics.Color)	4293629892 (0xFFEB97C4)
YUV	181.2460, 7.2737, 47.1423
Hunter-Lab	66.1671, 33.3678, -5.4405

Details

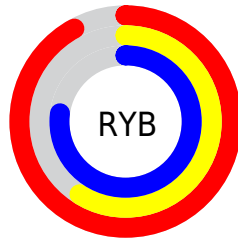
The RYB color **235, 151, 196** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **151, 208, 235**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 206, 253**, and **178, 98, 142** is the 20% darker color. If you saturate the color by 10%, you get **235, 128, 185**, and if you desaturate by 10%, it is **235, 175, 207**.

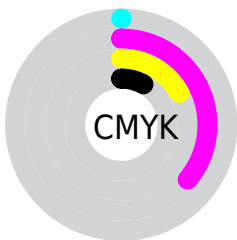
Distribution



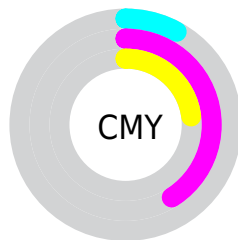
- Red (92%)
- Green (59%)
- Blue (77%)



- Red (92%)
- Yellow (59%)
- Blue (77%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (8%)




- Cyan (8%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 151, 196 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, 151, 196 by changing the saturation by 10% instead.

 235, 151, 196

 235, 151, 196


255, 255, 255

 206, 124, 169

 255, 206, 253


 178, 98, 142

 255, 235, 255

 150, 73, 117

 123, 48, 92

 97, 22, 69

 71, 0, 46


 48, 0, 26

 9, 0, 0

 0, 0, 0

 235, 151, 196

 235, 151, 196

 235, 128, 185

 235, 175, 207

 235, 104, 174


 235, 198, 218

 235, 81, 163


 235, 222, 229

 235, 57, 152

 235, 242, 245

 235, 33, 141

 235, 246, 255

 235, 10, 131

 235, 245, 255

 235, 0, 126

Harmonies

Analogous

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



203, 161, 227



235, 151, 196



246, 149, 160

Triad

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



235, 151, 196



109, 182, 107



26, 117, 226

Complementary

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



235, 151, 196



151, 208, 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.



43, 120, 196



235, 151, 196



125, 189, 172

Square

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



235, 151, 196



194, 216, 108



97, 158, 195



93, 150, 245

Rectangle

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



235, 151, 196



243, 156, 137



97, 158, 195



12, 108, 217

Sweetspot

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



235, 151, 196



255, 227, 242



189, 151, 235



128, 111, 120



0, 0, 0



128, 128, 128

Same Dimension

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



235, 151, 196



255, 145, 204



235, 151, 155



117, 106, 112



181, 0, 97



54, 0, 29

Inverse Universe

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



235, 151, 196



255, 145, 204



151, 194, 235



117, 106, 112



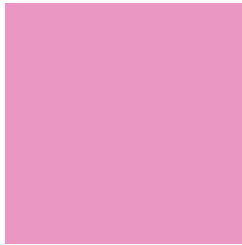
181, 0, 97



54, 0, 29

Previews

White Background



This preview shows how the RYB color 235, 151, 196 looks on a white background.

Color Contrast Check

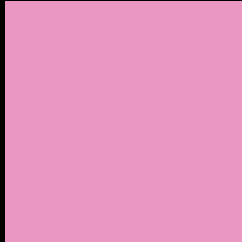
Large Text (above 18pt) WCAG AA × Fail

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, 151, 196 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, 151, 196 Background



This preview shows how black text looks on a background with the RYB color 235, 151, 196.



This preview shows how white text looks on a background with the RYB color 235, 151, 196.

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, 151, 196

Protanopia
169, 175, 212

Deuteranopia
187, 172, 192



Tritanopia
232, 156, 168

Trichromacy



Original Color

235, 151, 196



Protanomaly

193, 167, 206



Deuteranomaly

204, 164, 193



Tritanomaly

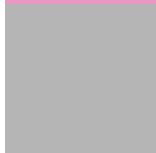
233, 154, 178

Monochromacy



Original Color

235, 151, 196



Achromatopsia

181, 181, 181



Achromatomaly

201, 170, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 151, 196 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, 151, 196) looks like.

```
.text, #text, p{  
    color:rgb(235, 151, 196)  
}
```

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, 151, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 151, 196) }
```

Border

The CSS property to change the border of an element to RYB 235, 151, 196 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, 151, 196) }
```

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

```
.border{ border-color:rgb(235, 151, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 151, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 151, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 151, 196);  
box-shadow:4px 4px 4px 4px rgb(235, 151,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 235, 151, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 151, 196) }
```

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

```
.background{ background-color: rgb(235,  
151, 196) }
```

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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