

Converting Colors

`RYB(235, 157, 210)`

Have a look what the booklet for
RYB(235, 157, 210) contains.

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Color

R_YB(235, 157, 210)

Conversions

Conversions Part 1

Format	Color
Hex	EB9DD2
RGB	235, 157, 210
RGB Percent	92%, 62%, 82%
CMY	0.0784, 0.3843, 0.1765
CMYK	0.00, 0.33, 0.11, 0.08
HSL	319°, 66%, 77%
HSV	319°, 33%, 92%
XYZ	57.9508, 46.4293, 66.8802
YIQ	186.3640, 29.4750, 33.0190

Conversions

Conversions Part 2

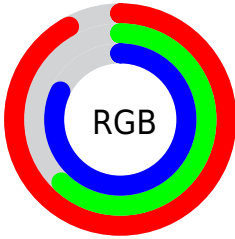
Format	Color
R _Y B	235, 157, 210
Decimal	15441362
CIE _{Lab}	73.82, 36.81, -15.14
CIE _{LCh}	74, 39.802, 337.638
Y _{xy}	46.4293, 0.3384, 0.2711
Android (android.graphics.Color)	4293631442 (0xFFEB9DD2)
Y _{UV}	186.3640, 11.6525, 42.6538
Hunter-Lab	68.1390, 32.5672, -10.4973

Details

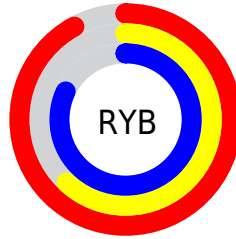
The RYB color **235, 157, 210** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **157, 216, 235**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 212, 255**, and **178, 104, 155** is the 20% darker color. If you saturate the color by 10%, you get **235, 134, 202**, and if you desaturate by 10%, it is **235, 181, 218**.

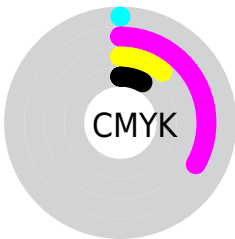
Distribution



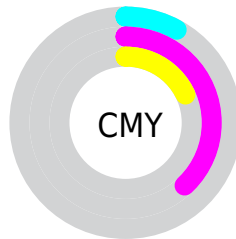
- Red (92%)
- Green (62%)
- Blue (82%)



- Red (92%)
- Yellow (62%)
- Blue (82%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (8%)




- Cyan (8%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 157, 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, 157, 210 by changing the saturation by 10% instead.

 235, 157, 210

 235, 157, 210


255, 255, 255

 206, 130, 182

 255, 212, 255

 178, 104, 155

 255, 241, 255


 151, 79, 129

 124, 54, 104

 98, 29, 80

 72, 1, 57


 49, 0, 35

 19, 0, 11

 0, 0, 0

 235, 157, 210

 235, 157, 210

 235, 134, 202

 235, 181, 218

 235, 110, 195

 235, 204, 225

 235, 87, 187


 235, 228, 233

 235, 63, 180

 235, 247, 251

 235, 40, 172

 235, 247, 255

 235, 16, 165

 235, 245, 255

 235, 0, 160

Harmonies

Analogous

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



198, 169, 239



235, 157, 210



252, 153, 173

Triad

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



235, 157, 210



125, 196, 108



14, 113, 225

Complementary

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



235, 157, 210



157, 216, 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.



59, 133, 201



235, 157, 210



122, 192, 157

Square

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



235, 157, 210



228, 224, 114



112, 172, 199



78, 147, 248

Rectangle

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



235, 157, 210



252, 155, 149



112, 172, 199



19, 113, 214

Sweetspot

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



235, 157, 210



255, 230, 247



182, 157, 235



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



235, 157, 210



255, 153, 222



235, 157, 171



117, 106, 114



181, 0, 123



54, 0, 36

Inverse Universe

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



235, 157, 210



255, 153, 222



157, 200, 235



117, 106, 114



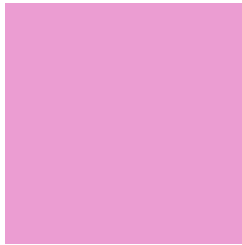
181, 0, 123



54, 0, 36

Previews

White Background



This preview shows how the RYB color 235, 157, 210 looks on a white background.

Color Contrast Check

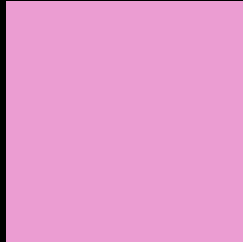
Large Text (above 18pt) WCAG AA × Fail

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, 157, 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, 157, 210 Background



This preview shows how black text looks on a background with the RYB color 235, 157, 210.

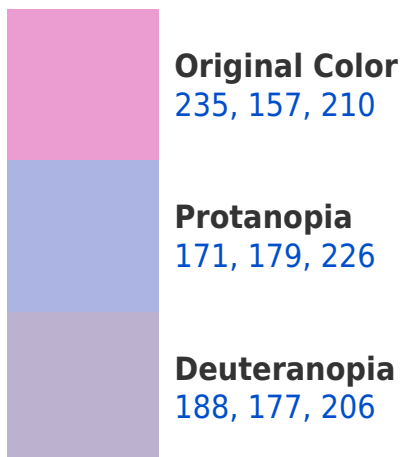



This preview shows how white text looks on a background with the RYB color 235, 157, 210.

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





Tritanopia
231, 163, 176

Trichromacy



Original Color
235, 157, 210



Protanomaly
194, 172, 220



Deuteranomaly
205, 170, 207

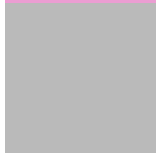


Tritanomaly
232, 161, 188

Monochromacy



Original Color
235, 157, 210



Achromatopsia
186, 186, 186



Achromatomaly
204, 175, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 157, 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, 157, 210) looks like.

```
.text, #text, p{  
    color:rgb(235, 157, 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, 157, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 157, 210) }
```

Border

The CSS property to change the border of an element to RYB 235, 157, 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, 157, 210) }
```

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

```
.border{ border-color:rgb(235, 157, 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, 157, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 157, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 157, 210);  
box-shadow:4px 4px 4px 4px rgb(235, 157,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 235, 157, 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, 157, 210) }
```

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

```
.background{ background-color: rgb(235,  
157, 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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