

Converting Colors

`RYB(235, 163, 208)`

Have a look what the booklet for
RYB(235, 163, 208) contains.

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Color

R_YB(235, 163, 208)

Conversions

Conversions Part 1

Format	Color
Hex	EBA3D0
RGB	235, 163, 208
RGB Percent	92%, 64%, 82%
CMY	0.0784, 0.3608, 0.1843
CMYK	0.00, 0.31, 0.11, 0.08
HSL	322°, 64%, 78%
HSV	322°, 31%, 92%
XYZ	58.7433, 48.4106, 65.9226
YIQ	189.6580, 28.4670, 29.2590

Conversions

Conversions Part 2

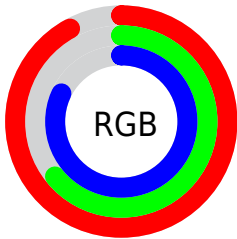
Format	Color
R _Y B	235, 163, 208
Decimal	15442896
CIE Lab	75.08, 33.30, -12.16
CIE LCh	75, 35.451, 339.948
Yxy	48.4106, 0.3394, 0.2797
Android (android.graphics.Color)	4293632976 (0xFFEBA3D0)
YUV	189.6580, 9.0426, 39.7649
Hunter-Lab	69.5777, 28.9435, -7.4709

Details

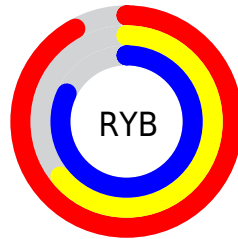
The RYB color **235, 163, 208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **163, 215, 235**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 219, 255**, and **178, 110, 154** is the 20% darker color. If you saturate the color by 10%, you get **235, 139, 199**, and if you desaturate by 10%, it is **235, 187, 217**.

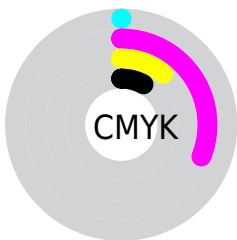
Distribution



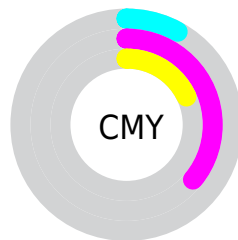
- Red (92%)
- Green (64%)
- Blue (82%)



- Red (92%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 163, 208 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, 163, 208 by changing the saturation by 10% instead.

 235, 163, 208

 235, 163, 208


255, 255, 255

 206, 136, 180


 255, 219, 255


 178, 110, 154

 255, 247, 255

 151, 85, 128

 124, 60, 103

 98, 36, 78

 73, 11, 56

 49, 0, 34

 23, 0, 9

 0, 0, 0

■ 235, 163, 208

■ 235, 163, 208

■ 235, 139, 199

■ 235, 187, 217

■ 235, 116, 190

■ 235, 210, 226

■ 235, 93, 182

■ 235, 234, 234

■ 235, 69, 173

■ 235, 249, 255

■ 235, 46, 164

■ 235, 246, 255

■ 235, 22, 155

■ 235, 245, 255

■ 235, 0, 147

Harmonies

Analogous

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



203, 173, 235



235, 163, 208



249, 160, 175

Triad

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



235, 163, 208



132, 196, 120



71, 142, 226

Complementary

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



235, 163, 208



163, 215, 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.



84, 146, 203



235, 163, 208



134, 195, 169

Square

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



235, 163, 208



226, 226, 124



121, 174, 201



106, 160, 245

Rectangle

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



235, 163, 208



248, 164, 154



121, 174, 201



70, 139, 216

Sweetspot

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



235, 163, 208



255, 232, 246



189, 163, 235



128, 113, 122



0, 0, 0



128, 128, 128

Same Dimension

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



235, 163, 208



255, 161, 220



235, 163, 173



117, 106, 113



181, 0, 113



54, 0, 33

Inverse Universe

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



235, 163, 208



255, 161, 220



163, 202, 235



117, 106, 113



181, 0, 113



54, 0, 33

Previews

White Background



This preview shows how the RYB color 235, 163, 208 looks on a white background.

Color Contrast Check

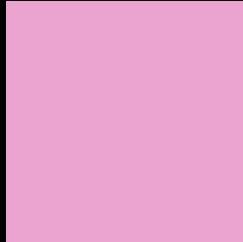
Large Text (above 18pt) WCAG AA × Fail

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, 163, 208 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, 163, 208 Background



This preview shows how black text looks on a background with the RYB color 235, 163, 208.

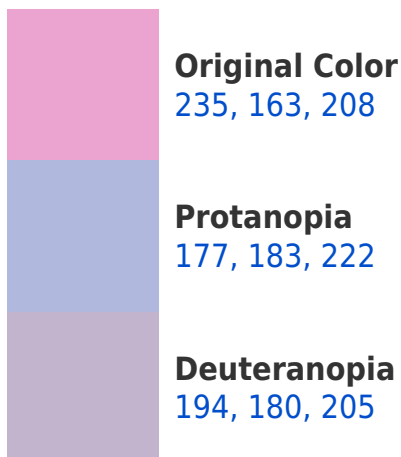


This preview shows how white text looks on a background with the RYB color 235, 163, 208.

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
232, 168, 181

Trichromacy



Original Color

235, 163, 208



Protanomaly

198, 176, 217



Deuteranomaly

209, 174, 206



Tritanomaly

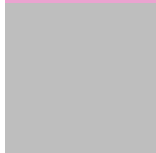
233, 166, 191

Monochromacy



Original Color

235, 163, 208



Achromatopsia

190, 190, 190



Achromatomaly

206, 180, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 163, 208 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, 163, 208) looks like.

```
.text, #text, p{  
    color:rgb(235, 163, 208)  
}
```

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, 163, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 163, 208) }
```

Border

The CSS property to change the border of an element to RYB 235, 163, 208 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, 163, 208) }
```

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

```
.border{ border-color:rgb(235, 163, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 163, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 163, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 163, 208);  
box-shadow:4px 4px 4px 4px rgb(235, 163,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 235, 163, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 163, 208) }
```

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

```
.background{ background-color: rgb(235,  
163, 208) }
```

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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