

Converting Colors

`RYB(235, 164, 213)`

Have a look what the booklet for
RYB(235, 164, 213) contains.

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Color

R_YB(235, 164, 213)

Conversions

Conversions Part 1

Format	Color
Hex	EBA4D5
RGB	235, 164, 213
RGB Percent	92%, 64%, 84%
CMY	0.0784, 0.3569, 0.1647
CMYK	0.00, 0.30, 0.09, 0.08
HSL	319°, 64%, 78%
HSV	319°, 30%, 92%
XYZ	59.5466, 49.0172, 69.2736
YIQ	190.8150, 26.5870, 30.2910

Conversions

Conversions Part 2

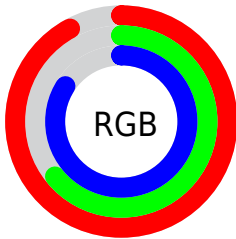
Format	Color
R _Y B	235, 164, 213
Decimal	15443157
CIE Lab	75.46, 33.60, -14.32
CIE LCh	75, 36.527, 336.916
Yxy	49.0172, 0.3348, 0.2756
Android (android.graphics.Color)	4293633237 (0xFFEBA4D5)
YUV	190.8150, 10.9372, 38.7502
Hunter-Lab	70.0123, 29.2959, -9.6559

Details

The RYB color **235, 164, 213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164, 218, 235**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 220, 255**, and **178, 111, 158** is the 20% darker color. If you saturate the color by 10%, you get **235, 141, 206**, and if you desaturate by 10%, it is **235, 188, 220**.

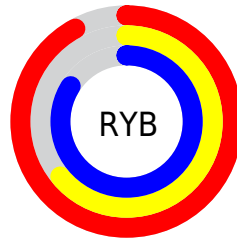
Distribution



Red (92%)

Green (64%)

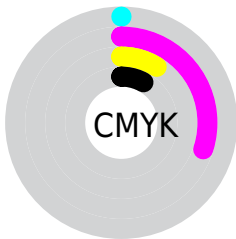
Blue (84%)



Red (92%)

Yellow (64%)

Blue (84%)

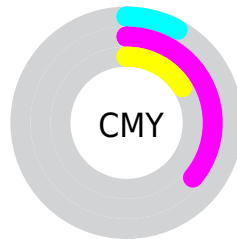


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 164, 213 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, 164, 213 by changing the saturation by 10% instead.

 235, 164, 213

 235, 164, 213


255, 255, 255

 206, 137, 185

 255, 220, 255


 178, 111, 158

 255, 248, 255

 151, 86, 132

 124, 61, 107

 98, 37, 83

 73, 12, 59

 49, 0, 38

 23, 0, 16

 0, 0, 0

■ 235, 164, 213

■ 235, 164, 213

■ 235, 141, 206

■ 235, 188, 220

■ 235, 117, 198

■ 235, 211, 228

■ 235, 94, 191

■ 235, 235, 235

■ 235, 70, 184

■ 235, 250, 255

■ 235, 47, 177

■ 235, 247, 255

■ 235, 23, 169

■ 235, 245, 255

■ 235, 0, 162

Harmonies

Analogous

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



200, 174, 240



235, 164, 213



251, 160, 179

Triad

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



235, 164, 213



136, 201, 118



64, 138, 225

Complementary

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



235, 164, 213



164, 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.



84, 147, 204



235, 164, 213



131, 196, 162

Square

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



235, 164, 213



231, 220, 125



124, 178, 202



98, 157, 247

Rectangle

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



235, 164, 213



252, 162, 157



124, 178, 202



65, 137, 215

Sweetspot

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



235, 164, 213



255, 232, 248



185, 164, 235



128, 113, 123



0, 0, 0



128, 128, 128

Same Dimension

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



235, 164, 213



255, 163, 227



235, 164, 178



117, 106, 114



181, 0, 125



54, 0, 37

Inverse Universe

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



235, 164, 213



255, 163, 227



164, 203, 235



117, 106, 114



181, 0, 125



54, 0, 37

Previews

White Background



This preview shows how the RYB color 235, 164, 213 looks on a white background.

Color Contrast Check

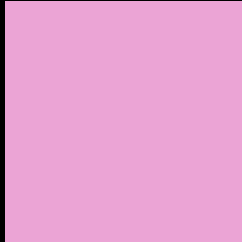
Large Text (above 18pt) WCAG AA × Fail

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, 164, 213 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, 164, 213 Background



This preview shows how black text looks on a background with the RYB color 235, 164, 213.



This preview shows how white text looks on a background with the RYB color 235, 164, 213.

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, 164, 213

Protanopia
177, 184, 227

Deuteranopia
193, 181, 210



Tritanopia
231, 170, 183

Trichromacy



Original Color

235, 164, 213



Protanomaly

198, 177, 222



Deuteranomaly

208, 175, 211



Tritanomaly

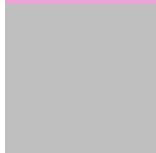
232, 168, 194

Monochromacy



Original Color

235, 164, 213



Achromatopsia

191, 191, 191



Achromatomaly

207, 181, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 164, 213 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, 164, 213) looks like.

```
.text, #text, p{  
    color:rgb(235, 164, 213)  
}
```

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, 164, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 164, 213) }
```

Border

The CSS property to change the border of an element to RYB 235, 164, 213 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, 164, 213) }
```

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

```
.border{ border-color:rgb(235, 164, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 164, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 164, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 164, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 164,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 235, 164, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 164, 213) }
```

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

```
.background{ background-color: rgb(235,  
164, 213) }
```

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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