

# Converting Colors

`RYB(235, 199, 214)`

Have a look what the booklet for  
RYB(235, 199, 214) contains.

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# Color

**R<sub>Y</sub>B(235, 199, 214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBC7D6
RGB	235, 199, 214
RGB Percent	92%, 78%, 84%
CMY	0.0784, 0.2196, 0.1608
CMYK	0.00, 0.15, 0.09, 0.08
HSL	335°, 47%, 85%
HSV	335°, 15%, 92%
XYZ	66.8220, 63.3641, 72.3269
YIQ	211.4740, 16.6410, 12.2970

# Conversions

## Conversions Part 2

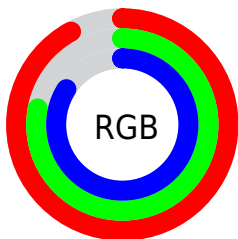
Format	Color
R <sub>Y</sub> B	235, 199, 214
Decimal	15452118
CIE Lab	83.63, 15.14, -2.72
CIE LCh	84, 15.382, 349.800
Yxy	63.3641, 0.3300, 0.3129
Android (android.graphics.Color)	4293642198 (0xFFEBC7D6)
YUV	211.4740, 1.2453, 20.6323
Hunter-Lab	79.6015, 10.5402, 1.8495

# Details

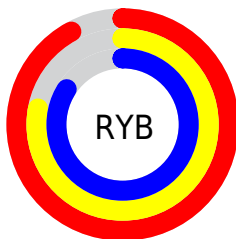
The RYB color **235, 199, 214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **199, 222, 235**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 145, 159** is the 20% darker color. If you saturate the color by 10%, you get **235, 176, 200**, and if you desaturate by 10%, it is **235, 223, 228**.

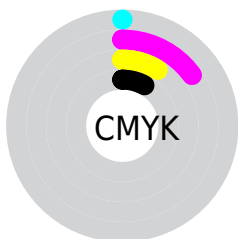
# Distribution



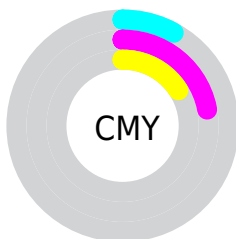
- Red (92%)
- Green (78%)
- Blue (84%)



- Red (92%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (22%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 235, 199, 214 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, 199, 214 by changing the saturation by 10% instead.



■ 235, 199, 214

255, 255, 255

■ 235, 199, 214

■ 207, 172, 186

■ 179, 145, 159

■ 152, 119, 133

■ 126, 94, 108

■ 101, 71, 84

■ 76, 48, 61

■ 53, 27, 39

■ 33, 2, 18

■ 0, 0, 0

 235, 199, 214


 235, 199, 214

 235, 176, 200

 235, 223, 228

 235, 152, 187


 235, 242, 246


 235, 129, 173


 235, 245, 255

 235, 105, 159

 235, 82, 145

 235, 58, 132

 235, 35, 118

 235, 11, 104

 235, 0, 98

# Harmonies

## Analogous

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



223, 202, 227



235, 199, 214



240, 199, 199

# Triad

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



235, 199, 214



181, 211, 182



174, 198, 230

# Complementary

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



235, 199, 214



199, 222, 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.



172, 195, 218



235, 199, 214



189, 214, 210

# Square

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



235, 199, 214



213, 225, 180



179, 202, 217



187, 203, 237

# Rectangle

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



235, 199, 214



238, 202, 191



179, 202, 217



172, 196, 226



# Sweetspot

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



235, 199, 214



255, 242, 248



220, 199, 235



128, 120, 123



0, 0, 0



128, 128, 128



# Same Dimension

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



235, 199, 214



255, 209, 228



235, 202, 199



117, 106, 110



181, 0, 75



54, 0, 22



# Inverse Universe

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



235, 199, 214



255, 209, 228



199, 216, 235



117, 106, 110



181, 0, 75

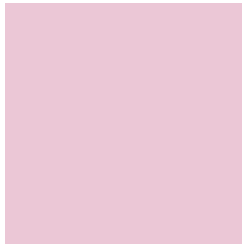


54, 0, 22



# Previews

## White Background



This preview shows how the RYB color 235, 199, 214 looks on a white background.

## Color Contrast Check

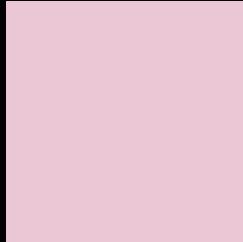
Large Text (above 18pt) WCAG AA × Fail

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, 199, 214 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, 199, 214 Background**



This preview shows how black text looks on a background with the RYB color 235, 199, 214.




This preview shows how white text looks on a background with the RYB color 235, 199, 214.

# 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

	<b>Original Color</b> 235, 199, 214
	<b>Protanopia</b> 209, 207, 219
	<b>Deuteranopia</b> 227, 202, 213



**Tritanopia**  
235, 199, 214

# Trichromacy



**Original Color**  
235, 199, 214

**Protanomaly**  
218, 204, 217

**Deuteranomaly**  
230, 201, 213

**Tritanomaly**  
235, 199, 214

# Monochromacy



**Original Color**  
235, 199, 214

**Achromatopsia**  
211, 211, 211

**Achromatomaly**  
220, 207, 212

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 235, 199, 214 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, 199, 214) looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 214)  
}
```

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, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 214) }
```

## Border

The CSS property to change the border of an element to RYB 235, 199, 214 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, 199, 214) }
```

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

```
.border{ border-color:rgb(235, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
214) }
```

# Background

The CSS property to change the background color of an element to RGB 235, 199, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 214) }
```

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

```
.background{ background-color: rgb(235,  
199, 214) }
```

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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