

Converting Colors

`RYB(233, 194, 213)`

Have a look what the booklet for
RYB(233, 194, 213) contains.

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Color

$\text{RYB}(233, 194, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	E9C2D5
RGB	233, 194, 213
RGB Percent	91%, 76%, 84%
CMY	0.0863, 0.2392, 0.1647
CMYK	0.00, 0.17, 0.09, 0.09
HSL	331°, 47%, 84%
HSV	331°, 17%, 91%
XYZ	64.9063, 60.7113, 71.2483
YIQ	207.8270, 17.1450, 14.1770

Conversions

Conversions Part 2

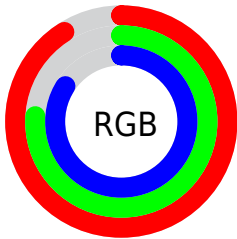
Format	Color
R _Y B	233, 194, 213
Decimal	15319765
CIE Lab	82.22, 16.93, -4.28
CIE LCh	82, 17.461, 345.800
Yxy	60.7113, 0.3297, 0.3084
Android (android.graphics.Color)	4293509845 (0xFFE9C2D5)
YUV	207.8270, 2.5503, 22.0767
Hunter-Lab	77.9175, 12.3374, 0.3270

Details

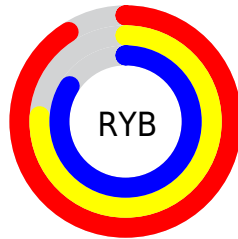
The RYB color **233, 194, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **194, 220, 233**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 251, 255**, and **177, 140, 158** is the 20% darker color. If you saturate the color by 10%, you get **233, 171, 201**, and if you desaturate by 10%, it is **233, 217, 225**.

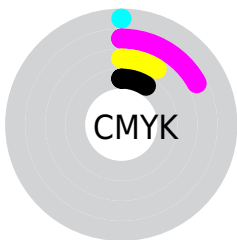
Distribution



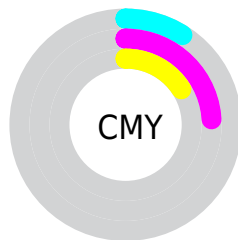
- Red (91%)
- Green (76%)
- Blue (84%)



- Red (91%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 233, 194, 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 233, 194, 213 by changing the saturation by 10% instead.


 233, 194, 213


255, 255, 255

 255, 251, 255

 233, 194, 213

 205, 167, 185


 177, 140, 158

 150, 115, 132

 124, 90, 107

 99, 66, 83

 74, 44, 60

 51, 22, 38

 32, 0, 18

 0, 0, 0

■ 233, 194, 213

■ 233, 194, 213

■ 233, 171, 201

■ 233, 217, 225

■ 233, 147, 189

■ 233, 238, 241

■ 233, 124, 177

■ 233, 246, 255

■ 233, 101, 165

■ 233, 244, 255

■ 233, 77, 153

■ 233, 54, 141

■ 233, 31, 129

■ 233, 8, 117

■ 233, 0, 114

Harmonies

Analogous

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



218, 198, 227



233, 194, 213



239, 193, 196

Triad

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



233, 194, 213



175, 208, 173



164, 191, 227

Complementary

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



233, 194, 213



194, 220, 233

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.



163, 189, 214



233, 194, 213



181, 211, 202

Square

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



233, 194, 213



218, 225, 173



173, 199, 214



177, 197, 236

Rectangle

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



233, 194, 213



238, 197, 186



173, 199, 214



162, 190, 223

Sweetspot

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



233, 194, 213



255, 242, 248



213, 194, 233



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



233, 194, 213



255, 204, 229



233, 194, 194



117, 106, 111



181, 0, 88



54, 0, 26

Inverse Universe

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



233, 194, 213



255, 204, 229



194, 214, 233



117, 106, 111



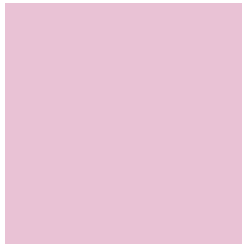
181, 0, 88



54, 0, 26

Previews

White Background



This preview shows how the RYB color 233, 194, 213 looks on a white background.

Color Contrast Check

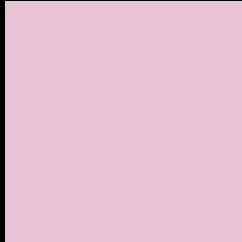
Large Text (above 18pt) WCAG AA × Fail

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 233, 194, 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 233, 194, 213 Background



This preview shows how black text looks on a background with the RYB color 233, 194, 213.

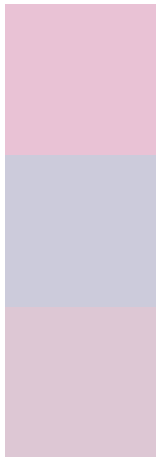


This preview shows how white text looks on a background with the RYB color 233, 194, 213.

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
233, 194, 213

Protanopia
204, 203, 219

Deuteranopia
221, 199, 212



Tritanopia
233, 195, 210

Trichromacy



Original Color

233, 194, 213

Protanomaly

215, 200, 217

Deuteranomaly

225, 197, 212

Tritanomaly

233, 195, 211

Monochromacy



Original Color

233, 194, 213

Achromatopsia

208, 208, 208

Achromatomaly

217, 203, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 194, 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(233, 194, 213) looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 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(233, 194, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 213) }
```

Border

The CSS property to change the border of an element to RYB 233, 194, 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(233, 194, 213) }
```

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

```
.border{ border-color:rgb(233, 194, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 194, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 194, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 194, 213);  
box-shadow:4px 4px 4px 4px rgb(233, 194,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 233, 194, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 213) }
```

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

```
.background{ background-color: rgb(233,  
194, 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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