

Converting Colors

`RYB(241, 201, 208)`

Have a look what the booklet for
RYB(241, 201, 208) contains.

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Color

R_YB(241, 201, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F1C9D0
RGB	241, 201, 208
RGB Percent	95%, 79%, 82%
CMY	0.0549, 0.2118, 0.1843
CMYK	0.00, 0.17, 0.14, 0.05
HSL	350°, 59%, 87%
HSV	350°, 17%, 95%
XYZ	68.5474, 65.0281, 68.6134
YIQ	213.7580, 21.5930, 10.6570

Conversions

Conversions Part 2

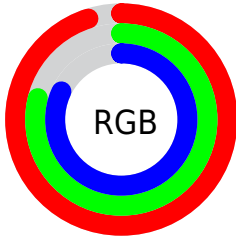
Format	Color
R_{YB}	241, 201, 208
Decimal	15845840
CIE _{Lab}	84.50, 15.21, 1.81
CIE _{LCh}	84, 15.313, 6.774
Yxy	65.0281, 0.3390, 0.3216
Android (android.graphics.Color)	4294035920 (0xFFFF1C9D0)
YUV	213.7580, -2.8387, 23.8912
Hunter-Lab	80.6400, 10.6125, 6.0005

Details

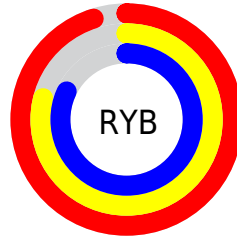
The RYB color **241, 201, 208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **201, 223, 241**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 147, 154** is the 20% darker color. If you saturate the color by 10%, you get **241, 177, 188**, and if you desaturate by 10%, it is **241, 225, 228**.

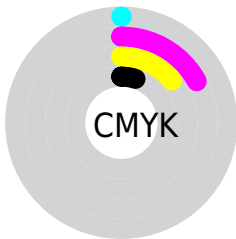
Distribution



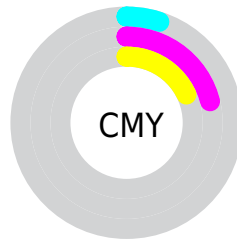
- Red (95%)
- Green (79%)
- Blue (82%)



- Red (95%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 201, 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 241, 201, 208 by changing the saturation by 10% instead.

 241, 201, 208


255, 255, 255

 241, 201, 208


 212, 174, 180

 185, 147, 154

 157, 121, 128

 131, 96, 103

 105, 72, 79

 81, 49, 56


 57, 28, 35


 36, 4, 13


 0, 0, 0

 241, 201, 208


 241, 201, 208

 241, 177, 188


 241, 225, 228


 241, 153, 168

 241, 245, 249

 241, 129, 148

 241, 248, 255

 241, 105, 128

 241, 81, 109

 241, 56, 89

 241, 32, 69

 241, 8, 49

 241, 0, 42

Harmonies

Analogous

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



233, 202, 223



241, 201, 208



241, 204, 194

Triad

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



241, 201, 208



188, 215, 200



183, 203, 237

Complementary

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



241, 201, 208



201, 223, 241

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.



174, 198, 228



241, 201, 208



187, 209, 218

Square

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



241, 201, 208



192, 219, 182



176, 200, 220



199, 208, 239

Rectangle

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



241, 201, 208



236, 215, 187



176, 200, 220



179, 201, 234

Sweetspot

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



241, 201, 208



255, 242, 244



234, 201, 241



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

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



241, 201, 208



255, 204, 213



241, 220, 201



120, 108, 110



184, 0, 32



56, 0, 10

Inverse Universe

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



241, 201, 208



255, 204, 213



201, 217, 241



120, 108, 110



184, 0, 32



56, 0, 10

Previews

White Background



This preview shows how the RYB color 241, 201, 208 looks on a white background.

Color Contrast Check

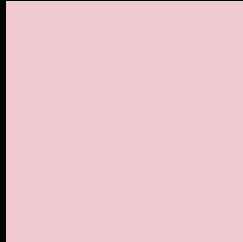
Large Text (above 18pt) WCAG AA × Fail

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 241, 201, 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 241, 201, 208 Background



This preview shows how black text looks on a background with the RYB color 241, 201, 208.

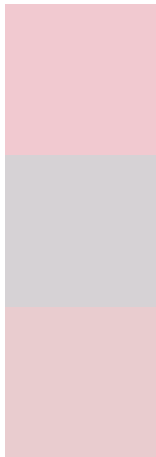


This preview shows how white text looks on a background with the RYB color 241, 201, 208.

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



Original Color
241, 201, 208

Protanopia
214, 210, 213

Deuteranopia
233, 204, 207



Tritanopia
242, 200, 215

Trichromacy



Original Color

241, 201, 208

Protanomaly

224, 207, 211

Deuteranomaly

236, 203, 207

Tritanomaly

242, 200, 212

Monochromacy



Original Color

241, 201, 208

Achromatopsia

214, 214, 214

Achromatomaly

224, 209, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 201, 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(241, 201, 208) looks like.

```
.text, #text, p{  
    color:rgb(241, 201, 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(241, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 201, 208) }
```

Border

The CSS property to change the border of an element to RYB 241, 201, 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(241, 201, 208) }
```

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

```
.border{ border-color:rgb(241, 201, 208) }
```

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

Here you see how a box with a 4 pixel rgb(241, 201, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(241, 201,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 241, 201, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 201, 208) }
```

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

```
.background{ background-color: rgb(241,  
201, 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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