

Converting Colors

`RYB(241, 208, 240)`

Have a look what the booklet for RYB(241, 208, 240) contains.

RYB(241, 208, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(241, 208, 240)

Conversions

Conversions Part 1

Format	Color
Hex	F1D0F0
RGB	241, 208, 240
RGB Percent	95%, 82%, 94%
CMY	0.0549, 0.1843, 0.0588
CMYK	0.00, 0.14, 0.00, 0.05
HSL	302°, 54%, 88%
HSV	302°, 14%, 95%
XYZ	74.5597, 70.1038, 92.0397
YIQ	221.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

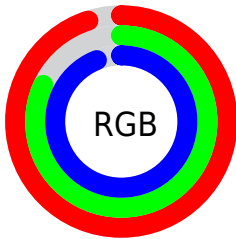
Format	Color
R _Y B	241, 208, 240
Decimal	15847664
CIE Lab	87.05, 16.96, -11.44
CIE LCh	87, 20.456, 326.010
Yxy	70.1038, 0.3150, 0.2962
Android (android.graphics.Color)	4294037744 (0xFFFF1D0F0)
YUV	221.5150, 9.1131, 17.0883
Hunter-Lab	83.7280, 12.4300, -6.5662

Details

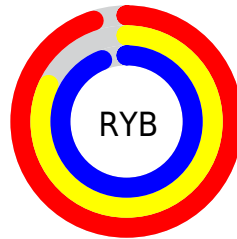
The RYB color **241, 208, 240** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208, 240, 241**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 154, 184** is the 20% darker color. If you saturate the color by 10%, you get **241, 184, 239**, and if you desaturate by 10%, it is **241, 232, 241**.

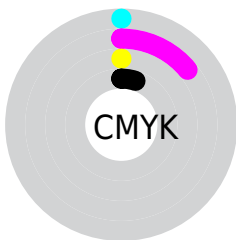
Distribution



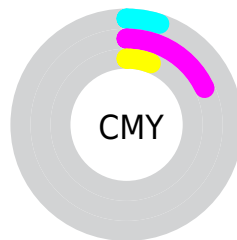
- Red (95%)
- Green (82%)
- Blue (94%)



- Red (95%)
- Yellow (82%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 208, 240 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, 208, 240 by changing the saturation by 10% instead.

■ 241, 208, 240

255, 255, 255

■ 241, 208, 240

■ 213, 180, 212

■ 185, 154, 184

■ 158, 127, 157

■ 131, 102, 131

■ 106, 78, 106

■ 82, 55, 82


■ 58, 33, 59


■ 36, 12, 37


■ 4, 0, 15

 241, 208, 240


 241, 208, 240

 241, 184, 239


 241, 232, 241

 241, 160, 239


 241, 255, 255

 241, 136, 238


 241, 254, 255

 241, 112, 237


 241, 253, 255

 241, 88, 236


 241, 253, 255

 241, 63, 236

 241, 252, 255

 241, 39, 235

 241, 251, 255

 241, 15, 234

 241, 251, 255

 241, 0, 234

Harmonies

Analogous

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



218, 214, 253



241, 208, 240



255, 205, 221

Triad

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



241, 208, 240



211, 236, 180



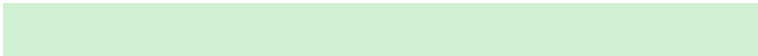
166, 199, 234

Complementary

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



241, 208, 240



208, 240, 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, 206, 229



241, 208, 240



183, 222, 190

Square

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



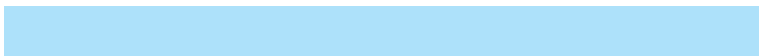
241, 208, 240



252, 223, 187



193, 224, 227



173, 204, 250

Rectangle

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



241, 208, 240



255, 205, 208



193, 224, 227



168, 199, 229

Sweetspot

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



241, 208, 240



255, 245, 255



209, 208, 241



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



241, 208, 240



255, 214, 254



241, 208, 224



120, 108, 119



184, 0, 178



56, 0, 54

Inverse Universe

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



241, 208, 240



255, 214, 254



208, 230, 241



120, 108, 119



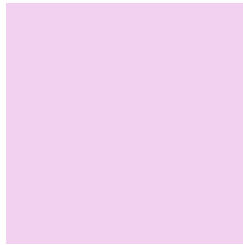
184, 0, 178



56, 0, 54

Previews

White Background



This preview shows how the RYB color 241, 208, 240 looks on a white background.

Color Contrast Check

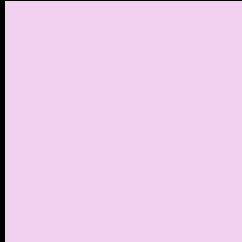
Large Text (above 18pt) WCAG AA × Fail

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, 208, 240 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, 208, 240 Background



This preview shows how black text looks on a background with the RYB color 241, 208, 240.

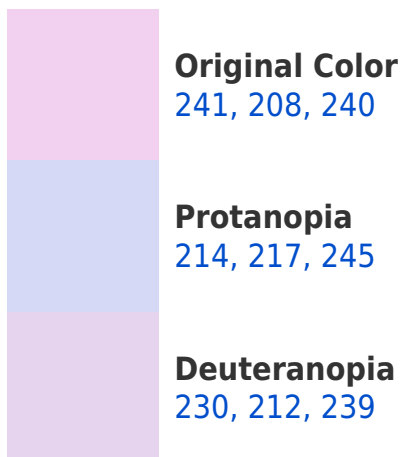


This preview shows how white text looks on a background with the RYB color 241, 208, 240.

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
239, 210, 227

Trichromacy



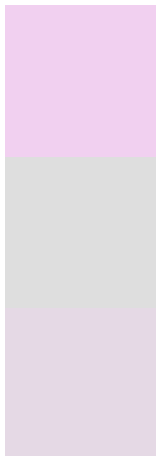
Original Color
241, 208, 240

Protanomaly
224, 214, 243

Deuteranomaly
234, 211, 239

Tritanomaly
240, 209, 232

Monochromacy



Original Color
241, 208, 240

Achromatopsia
222, 222, 222

Achromatomaly
229, 217, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 208, 240 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, 208, 240) looks like.

```
.text, #text, p{  
    color:rgb(241, 208, 240)  
}
```

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, 208, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 208, 240) }
```

Border

The CSS property to change the border of an element to RYB 241, 208, 240 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, 208, 240) }
```

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

```
.border{ border-color:rgb(241, 208, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 208, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 208, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 208, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 208,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 241, 208, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 208, 240) }
```

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

```
.background{ background-color: rgb(241,  
208, 240) }
```

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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