

Converting Colors

`RYB(241, 217, 234)`

Have a look what the booklet for RYB(241, 217, 234) contains.

RYB(241, 217, 234)	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, 217, 234)

Conversions

Conversions Part 1

Format	Color
Hex	F1D9EA
RGB	241, 217, 234
RGB Percent	95%, 85%, 92%
CMY	0.0549, 0.1490, 0.0824
CMYK	0.00, 0.10, 0.03, 0.05
HSL	318°, 46%, 90%
HSV	318°, 10%, 95%
XYZ	75.9398, 74.2670, 88.1744
YIQ	226.1140, 8.8470, 10.3750

Conversions

Conversions Part 2

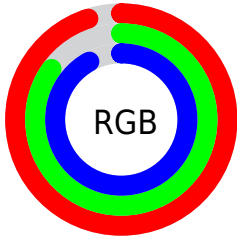
Format	Color
R _Y B	241, 217, 234
Decimal	15849962
CIE Lab	89.05, 11.16, -5.30
CIE LCh	89, 12.359, 334.600
Yxy	74.2670, 0.3186, 0.3115
Android (android.graphics.Color)	4294040042 (0xFFFF1D9EA)
YUV	226.1140, 3.8878, 13.0550
Hunter-Lab	86.1783, 6.4810, -0.3385

Details

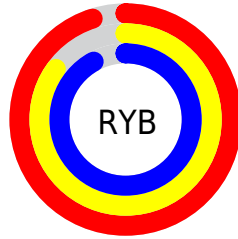
The RYB color **241, 217, 234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 236, 241**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 162, 178** is the 20% darker color. If you saturate the color by 10%, you get **241, 193, 227**, and if you desaturate by 10%, it is **241, 241, 241**.

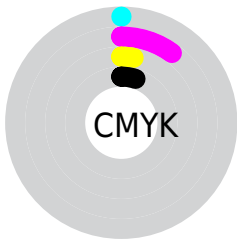
Distribution



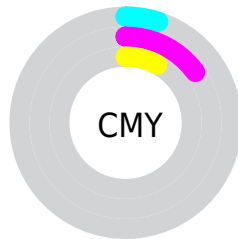
- Red (95%)
- Green (85%)
- Blue (92%)



- Red (95%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 217, 234 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, 217, 234 by changing the saturation by 10% instead.


 241, 217, 234

255, 255, 255

 241, 217, 234

 213, 189, 206

 185, 162, 178

 158, 136, 152

 132, 110, 126

 106, 86, 101

 82, 63, 77


 59, 41, 54


 37, 20, 33


 14, 0, 9

 241, 217, 234


 241, 217, 234

 241, 193, 227


 241, 241, 241


 241, 169, 220


 241, 250, 255


 241, 145, 213


 241, 248, 255

 241, 121, 206

 241, 97, 199

 241, 72, 192

 241, 48, 185

 241, 24, 178

 241, 0, 171

Harmonies

Analogous

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



228, 220, 243



241, 217, 234



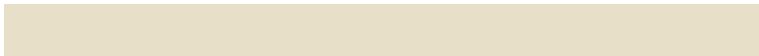
248, 216, 222

Triad

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



241, 217, 234



213, 232, 200



195, 214, 237

Complementary

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



241, 217, 234



217, 236, 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.



196, 215, 231



241, 217, 234



204, 227, 213

Square

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



241, 217, 234



243, 233, 203



205, 224, 230



201, 218, 245

Rectangle

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



241, 217, 234



249, 216, 214



205, 224, 230



194, 213, 233

Sweetspot

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



241, 217, 234



255, 247, 253



224, 217, 241



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

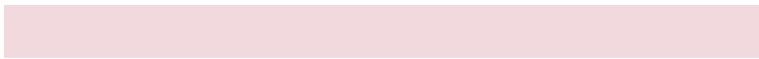
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 217, 234



255, 224, 246



241, 217, 222



120, 108, 116



184, 0, 130



56, 0, 40

Inverse Universe

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



241, 217, 234



255, 224, 246



217, 230, 241



120, 108, 116



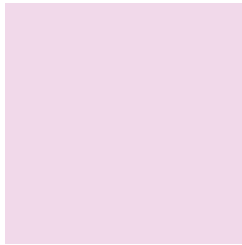
184, 0, 130



56, 0, 40

Previews

White Background



This preview shows how the RYB color 241, 217, 234 looks on a white background.

Color Contrast Check

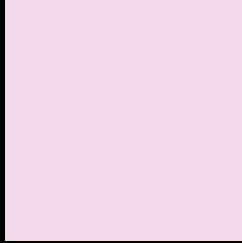
Large Text (above 18pt) WCAG AA × Fail

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, 217, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

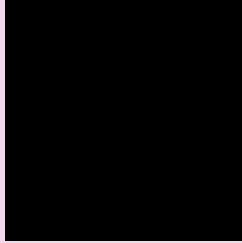
Any Text WCAG AA ✓ Pass

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, 217, 234 Background



This preview shows how black text looks on a background with the RYB color 241, 217, 234.

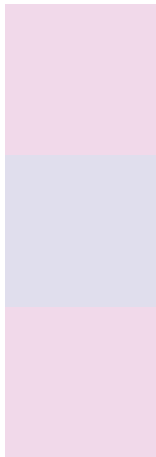


This preview shows how white text looks on a background with the RYB color 241, 217, 234.

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, 217, 234

Protanopia
224, 222, 237

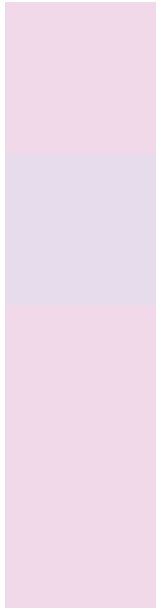
Deuteranopia
241, 217, 234



Tritanopia

241, 217, 234

Trichromacy



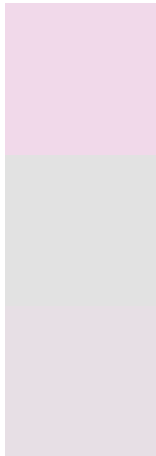
Original Color
241, 217, 234

Protanomaly
230, 220, 236

Deuteranomaly
241, 217, 234

Tritanomaly
241, 217, 234

Monochromacy



Original Color
241, 217, 234

Achromatopsia
226, 226, 226

Achromatomaly
231, 223, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 217, 234 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, 217, 234) looks like.

```
.text, #text, p{  
    color:rgb(241, 217, 234)  
}
```

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, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 217, 234) }
```

Border

The CSS property to change the border of an element to RYB 241, 217, 234 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, 217, 234) }
```

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

```
.border{ border-color:rgb(241, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 217, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 217, 234); box-shadow:4px 4px 4px 4px rgb(241, 217, 234) }
```

Background

The CSS property to change the background color of an element to RYB 241, 217, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 217, 234) }
```

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

```
.background{ background-color: rgb(241,  
217, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor