

Converting Colors

`RYB(249, 217, 233)`

Have a look what the booklet for RYB(249, 217, 233) contains.

RYB(249, 217, 233)	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

RYB(249, 217, 233)

Conversions

Conversions Part 1

Format	Color
Hex	F9D9E9
RGB	249, 217, 233
RGB Percent	98%, 85%, 91%
CMY	0.0235, 0.1490, 0.0863
CMYK	0.00, 0.13, 0.06, 0.02
HSL	330°, 73%, 91%
HSV	330°, 13%, 98%
XYZ	78.5878, 75.6486, 87.5504
YIQ	228.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

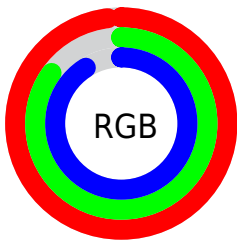
Format	Color
R_{YB}	249, 217, 233
Decimal	16374249
CIE _{Lab}	89.70, 13.70, -3.74
CIE _{LCh}	90, 14.207, 344.720
Yxy	75.6486, 0.3250, 0.3129
Android (android.graphics.Color)	4294564329 (0xFFFF9D9E9)
YUV	228.3920, 2.2717, 18.0732
Hunter-Lab	86.9762, 9.0761, 1.2019

Details

The RYB color **249, 217, 233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **217, 238, 249**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 162, 177** is the 20% darker color. If you saturate the color by 10%, you get **249, 192, 221**, and if you desaturate by 10%, it is **249, 242, 245**.

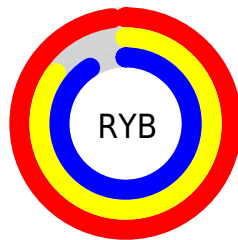
Distribution



Red (98%)

Green (85%)

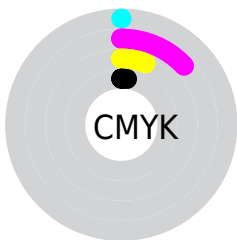
Blue (91%)



Red (98%)

Yellow (85%)

Blue (91%)

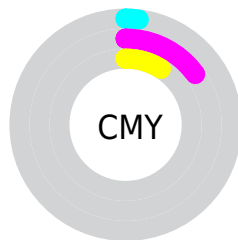


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 217, 233 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 249, 217, 233 by changing the saturation by 10% instead.

 249, 217, 233

255, 255, 255

 249, 217, 233

 220, 189, 205

 192, 162, 177

 165, 136, 151

 139, 110, 125

 113, 86, 100

 88, 63, 76


 65, 40, 53

 42, 20, 32


 23, 0, 8

 249, 217, 233

 249, 217, 233

 249, 192, 221

 249, 242, 245

 249, 167, 208

 249, 252, 255


 249, 142, 196

 249, 117, 183

 249, 93, 171

 249, 68, 158

 249, 43, 146

 249, 18, 133

 249, 0, 125

Harmonies

Analogous

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



236, 220, 245



249, 217, 233



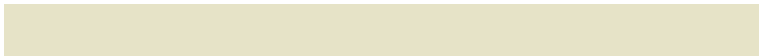
255, 216, 219

Triad

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



249, 217, 233



202, 230, 199



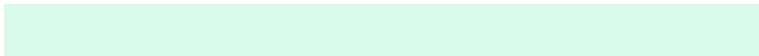
193, 215, 244

Complementary

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



249, 217, 233



217, 238, 249

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.



192, 214, 234



249, 217, 233



206, 231, 223

Square

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



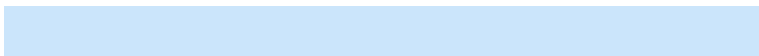
249, 217, 233



241, 243, 200



200, 221, 233



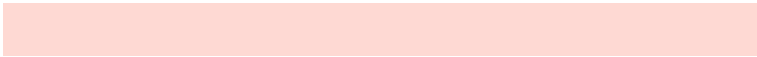
203, 220, 251

Rectangle

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



249, 217, 233



254, 218, 211



200, 221, 233



192, 214, 240

Sweetspot

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



249, 217, 233



255, 245, 250



233, 217, 249



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

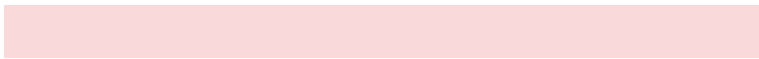
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 217, 233



255, 217, 236



249, 217, 217



125, 112, 119



189, 0, 94



61, 0, 31

Inverse Universe

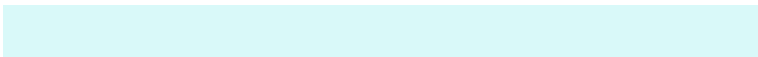
The Inverse Universe completely reimagines the original color for something new.



249, 217, 233



255, 217, 236



217, 233, 249



125, 112, 119



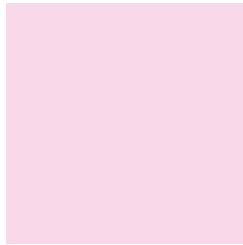
189, 0, 94



61, 0, 31

Previews

White Background



This preview shows how the RYB color 249, 217, 233 looks on a white background.

Color Contrast Check

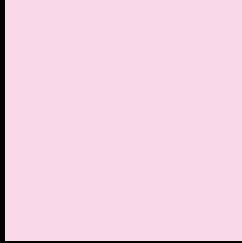
Large Text (above 18pt) WCAG AA × Fail

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 249, 217, 233 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 249, 217, 233 Background



This preview shows how black text looks on a background with the RYB color 249, 217, 233.

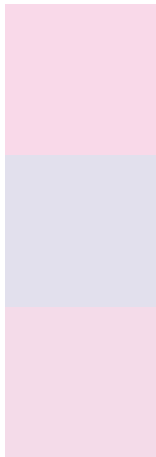


This preview shows how white text looks on a background with the RYB color 249, 217, 233.

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
249, 217, 233

Protanopia
226, 224, 237

Deuteranopia
244, 219, 233



Tritanopia
249, 217, 234

Trichromacy



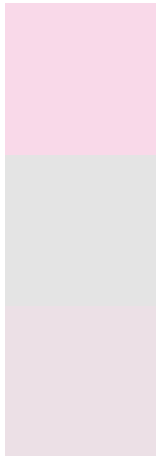
Original Color
249, 217, 233

Protanomaly
234, 221, 236

Deuteranomaly
246, 218, 233

Tritanomaly
249, 217, 234

Monochromacy



Original Color
249, 217, 233

Achromatopsia
228, 228, 228

Achromatomaly
236, 224, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 217, 233 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(249, 217, 233) looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 233)  
}
```

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(249, 217, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 233) }
```

Border

The CSS property to change the border of an element to RYB 249, 217, 233 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(249, 217, 233) }
```

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

```
.border{ border-color:rgb(249, 217, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 249, 217, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 233) }
```

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

```
.background{ background-color: rgb(249,  
217, 233) }
```

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