

Converting Colors

`RYB(249, 205, 243)`

Have a look what the booklet for RYB(249, 205, 243) contains.

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Color

RYB(249, 205, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F9CDF3
RGB	249, 205, 243
RGB Percent	98%, 80%, 95%
CMY	0.0235, 0.1961, 0.0471
CMYK	0.00, 0.18, 0.02, 0.02
HSL	308°, 79%, 89%
HSV	308°, 18%, 98%
XYZ	77.0759, 70.2734, 94.2958
YIQ	222.4880, 14.0260, 21.1460

Conversions

Conversions Part 2

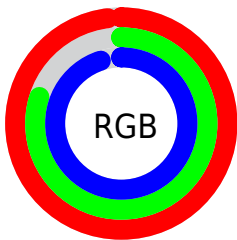
Format	Color
R _Y B	249, 205, 243
Decimal	16371187
CIE Lab	87.13, 21.73, -12.83
CIE LCh	87, 25.235, 329.453
Yxy	70.2734, 0.3190, 0.2908
Android (android.graphics.Color)	4294561267 (0xFFF9CDF3)
YUV	222.4880, 10.1124, 23.2510
Hunter-Lab	83.8293, 17.4187, -8.0122

Details

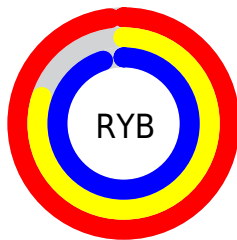
The RYB color **249, 205, 243** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **205, 244, 249**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 151, 187** is the 20% darker color. If you saturate the color by 10%, you get **249, 180, 240**, and if you desaturate by 10%, it is **249, 230, 246**.

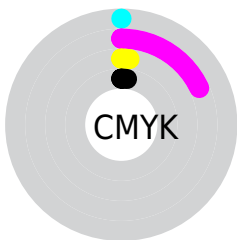
Distribution



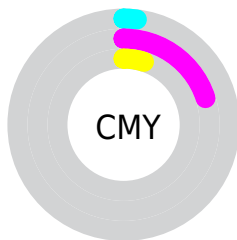
- Red (98%)
- Green (80%)
- Blue (95%)



- Red (98%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 205, 243 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, 205, 243 by changing the saturation by 10% instead.

■ 249, 205, 243

255, 255, 255

■ 249, 205, 243

■ 220, 177, 215

■ 192, 151, 187

■ 165, 124, 160

■ 138, 99, 134

■ 112, 75, 108

■ 88, 52, 84

■ 64, 30, 61

■ 41, 8, 39

■ 15, 0, 18

249, 205, 243

249, 205, 243

249, 180, 240

249, 230, 246

249, 155, 236

249, 254, 255

249, 130, 233

249, 253, 255

249, 105, 229

249, 252, 255

249, 81, 226

249, 56, 223

249, 31, 219

249, 6, 216

249, 0, 215

Harmonies

Analogous

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



222, 212, 255



249, 205, 243



255, 201, 220

Triad

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



249, 205, 243



202, 237, 171



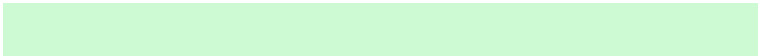
152, 194, 241

Complementary

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



249, 205, 243



205, 244, 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.



161, 201, 232



249, 205, 243



176, 224, 189

Square

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



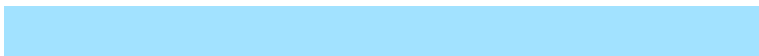
249, 205, 243



255, 230, 178



184, 222, 229



162, 200, 255

Rectangle

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



249, 205, 243



255, 202, 203



184, 222, 229



153, 193, 233

Sweetspot

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



249, 205, 243



255, 242, 253



211, 205, 249



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



249, 205, 243



255, 201, 248



249, 205, 221



125, 112, 123



189, 0, 163



61, 0, 53

Inverse Universe

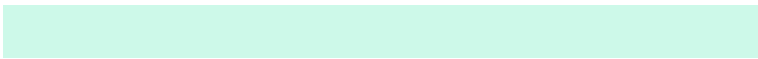
The Inverse Universe completely reimagines the original color for something new.



249, 205, 243



255, 201, 248



205, 232, 249



125, 112, 123



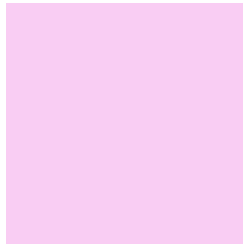
189, 0, 163



61, 0, 53

Previews

White Background



This preview shows how the RYB color 249, 205, 243 looks on a white background.

Color Contrast Check

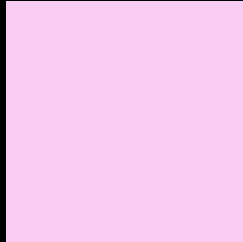
Large Text (above 18pt) WCAG AA × Fail

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, 205, 243 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, 205, 243 Background



This preview shows how black text looks on a background with the RYB color 249, 205, 243.



This preview shows how white text looks on a background with the RYB color 249, 205, 243.

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, 205, 243

Protanopia
213, 217, 251

Deuteranopia
229, 213, 242



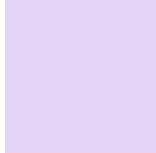
Tritanopia
246, 208, 224

Trichromacy



Original Color

249, 205, 243



Protanomaly

226, 213, 248



Deuteranomaly

236, 210, 242



Tritanomaly

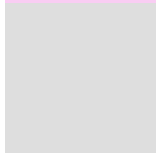
247, 207, 231

Monochromacy



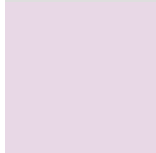
Original Color

249, 205, 243



Achromatopsia

222, 222, 222



Achromatomaly

232, 216, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 205, 243 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, 205, 243) looks like.

```
.text, #text, p{  
    color:rgb(249, 205, 243)  
}
```

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, 205, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 205, 243) }
```

Border

The CSS property to change the border of an element to RYB 249, 205, 243 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, 205, 243) }
```

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

```
.border{ border-color:rgb(249, 205, 243) }
```

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

Here you see how a box with a 4 pixel rgb(249, 205, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 205, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 205, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 205,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 249, 205, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 205, 243) }
```

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

```
.background{ background-color: rgb(249,  
205, 243) }
```

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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