

Converting Colors

`RYB(255, 209, 249)`

Have a look what the booklet for
RYB(255, 209, 249) contains.

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Color

`RYB(255, 209, 249)`

Conversions

Conversions Part 1	
Format	Color
Hex	FFD1F9
RGB	255, 209, 249
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1804, 0.0235
CMYK	0.00, 0.18, 0.02, 0.00
HSL	308°, 100%, 91%
HSV	308°, 18%, 100%
XYZ	81.1393, 73.7005, 99.5716
YIQ	227.3140, 14.5760, 22.1920

Conversions

Conversions Part 2

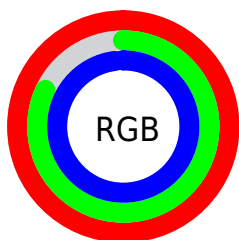
Format	Color
RYB	255, 209, 249
Decimal	16765433
CIELab	88.78, 22.67, -13.47
CIELCh	89, 26.375, 329.284
Yxy	73.7005, 0.3189, 0.2897
Android (android.graphics.Color)	4294955513 (0xFFFFD1F9)
YUV	227.3140, 10.6912, 24.2806
Hunter-Lab	85.8490, 18.4718, -8.6730

Details

The RYB color **255, 209, 249** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **209, 250, 255**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 154, 193** is the 20% darker color. If you saturate the color by 10%, you get **255, 183, 246**, and if you desaturate by 10%, it is **255, 235, 252**.

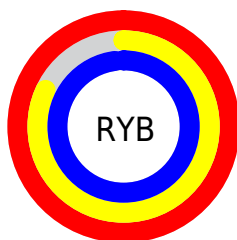
Distribution



Red (100%)

Green (82%)

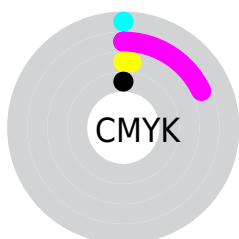
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

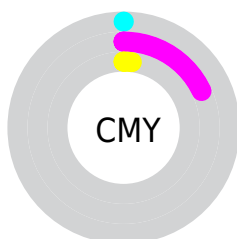


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 209, 249 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 255, 209, 249 by changing the saturation by 10% instead.



255, 209, 249



255, 209, 249

255, 255, 255



226, 181, 220



198, 154, 193



170, 128, 165



144, 103, 139



118, 78, 113



92, 55, 89



68, 33, 65




45, 11, 43



25, 0, 23

 255, 209, 249

 255, 209, 249

 255, 183, 246


 255, 235, 252


 255, 158, 242


255, 255, 255

 255, 132, 239

 255, 107, 236

 255, 82, 232

 255, 56, 229

 255, 30, 226

 255, 5, 222

 255, 0, 222

Harmonies

Analogous

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



226, 217, 255



255, 209, 249



255, 205, 224

Triad

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



255, 209, 249



205, 243, 173



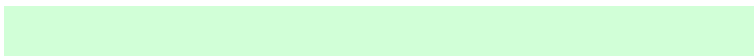
152, 197, 247

Complementary

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



255, 209, 249



209, 250, 255

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.



163, 204, 237



255, 209, 249



179, 229, 193

Square

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



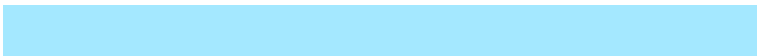
255, 209, 249



255, 237, 181



187, 227, 235



164, 203, 255

Rectangle

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



255, 209, 249



255, 206, 207



187, 227, 235



154, 196, 239

Sweetspot

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



255, 209, 249



255, 242, 253



214, 209, 255



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 209, 249



255, 199, 248



255, 209, 227



128, 115, 126



191, 0, 166



64, 0, 55

Inverse Universe

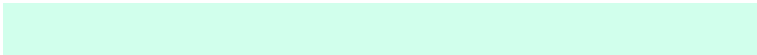
The Inverse Universe completely reimagines the original color for something new.



255, 209, 249



255, 199, 248



209, 238, 255



128, 115, 126



191, 0, 166



64, 0, 55

Previews

White Background



This preview shows how the RYB color 255, 209, 249 looks on a white background.

Color Contrast Check

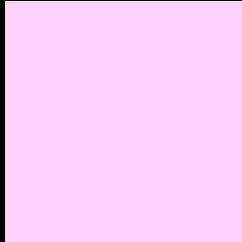
Large Text (above 18pt) WCAG AA × Fail

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 255, 209, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

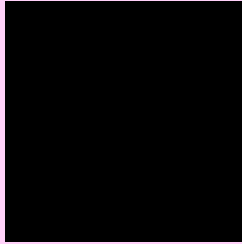
Any Text WCAG AA ✓ Pass

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 255, 209, 249 Background



This preview shows how black text looks on a background with the RYB color 255, 209, 249.



This preview shows how white text looks on a background with the RYB color 255, 209, 249.

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

255, 209, 249

Protanopia

217, 221, 255

Deuteranopia


234, 217, 247



Tritanopia

252, 212, 229

Trichromacy

	Original Color 255, 209, 249
	Protanomaly 231, 217, 253
	Deuteranomaly 242, 214, 248
	Tritanomaly 253, 211, 236

Monochromacy

	Original Color 255, 209, 249
	Achromatopsia 227, 227, 227
	Achromatomaly 237, 220, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 209, 249 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(255, 209, 249) looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 249)  
}
```

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(255, 209, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 249) }
```

Border

The CSS property to change the border of an element to RYB 255, 209, 249 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(255, 209, 249) }
```

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

```
.border{ border-color:rgb(255, 209, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 255, 209, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 249) }
```

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

```
.background{ background-color: rgb(255,  
209, 249) }
```

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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