

Converting Colors

`RYB(255, 213, 249)`

Have a look what the booklet for
RYB(255, 213, 249) contains.

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Color

R_YB(255, 213, 249)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5F9
RGB	255, 213, 249
RGB Percent	100%, 84%, 98%
CMY	0.0000, 0.1647, 0.0235
CMYK	0.00, 0.16, 0.02, 0.00
HSL	309°, 100%, 92%
HSV	309°, 16%, 100%
XYZ	82.1331, 75.6881, 99.9029
YIQ	229.6620, 13.4760, 20.1000

Conversions

Conversions Part 2

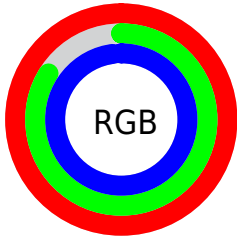
Format	Color
R _Y B	255, 213, 249
Decimal	16766457
CIE Lab	89.71, 20.58, -12.08
CIE LCh	90, 23.861, 329.593
Yxy	75.6881, 0.3187, 0.2937
Android (android.graphics.Color)	4294956537 (0xFFFFD5F9)
YUV	229.6620, 9.5336, 22.2214
Hunter-Lab	86.9989, 16.2687, -7.1849

Details

The RYB color **255, 213, 249** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **213, 250, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 158, 193** is the 20% darker color. If you saturate the color by 10%, you get **255, 188, 245**, and if you desaturate by 10%, it is **255, 239, 253**.

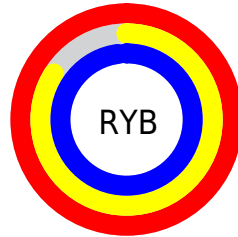
Distribution



Red (100%)

Green (84%)

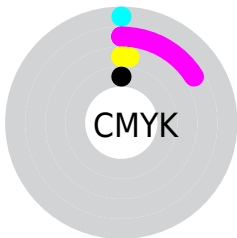
Blue (98%)



Red (100%)

Yellow (84%)

Blue (98%)

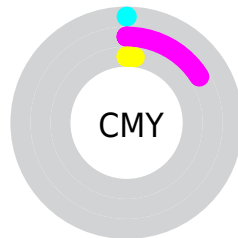


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 213, 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, 213, 249 by changing the saturation by 10% instead.

 255, 213, 249

255, 255, 255


 255, 213, 249

 226, 185, 220

 198, 158, 193


 171, 132, 165

 144, 106, 139

 118, 82, 114

 93, 59, 89

 69, 36, 66

 46, 15, 43

 27, 0, 23

 255, 213, 249

 255, 213, 249

 255, 188, 245

 255, 239, 253

 255, 162, 242


255, 255, 255

 255, 137, 238

 255, 111, 234

 255, 86, 231

 255, 60, 227

 255, 34, 224

 255, 9, 220

 255, 0, 219

Harmonies

Analogous

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



229, 220, 255



255, 213, 249



255, 210, 227

Triad

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



255, 213, 249



209, 244, 180



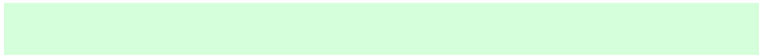
163, 203, 247

Complementary

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



255, 213, 249



213, 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.



172, 210, 239



255, 213, 249



186, 231, 198

Square

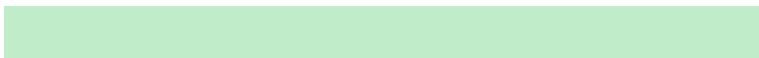
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



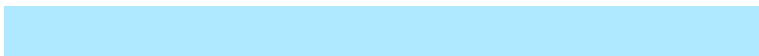
255, 213, 249



255, 238, 187



193, 229, 236



174, 208, 255

Rectangle

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



255, 213, 249



255, 210, 211



193, 229, 236



164, 202, 240

Sweetspot

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



255, 213, 249



255, 242, 253



219, 213, 255



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 213, 249



255, 204, 248



255, 213, 228



128, 115, 126



191, 0, 164



64, 0, 55

Inverse Universe

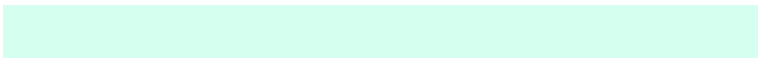
The Inverse Universe completely reimagines the original color for something new.



255, 213, 249



255, 204, 248



213, 239, 255



128, 115, 126



191, 0, 164



64, 0, 55

Previews

White Background



This preview shows how the RYB color 255, 213, 249 looks on a white background.

Color Contrast Check

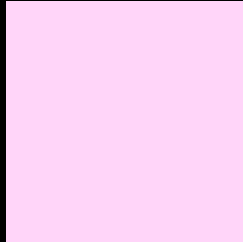
Large Text (above 18pt) WCAG AA × Fail

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, 213, 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, 213, 249 Background



This preview shows how black text looks on a background with the RYB color 255, 213, 249.



This preview shows how white text looks on a background with the RYB color 255, 213, 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, 213, 249

Protanopia
221, 224, 255

Deuteranopia
238, 220, 248



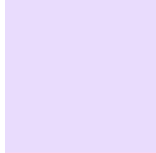
Tritanopia
253, 216, 233

Trichromacy



Original Color

255, 213, 249



Protanomaly

233, 220, 253



Deuteranomaly

244, 217, 248



Tritanomaly

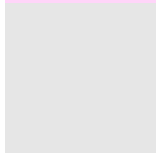
254, 215, 239

Monochromacy



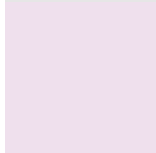
Original Color

255, 213, 249



Achromatopsia

230, 230, 230



Achromatomaly

239, 224, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 213, 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, 213, 249) looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 249) }
```

Border

The CSS property to change the border of an element to RYB 255, 213, 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, 213, 249) }
```

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

```
.border{ border-color:rgb(255, 213, 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, 213, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 255, 213, 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, 213, 249) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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