

Converting Colors

`RYB(255, 184, 241)`

Have a look what the booklet for
RYB(255, 184, 241) contains.

RYB(255, 184, 241)	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(255, 184, 241)`

Conversions

Conversions Part 1

Format	Color
Hex	FFB8F1
RGB	255, 184, 241
RGB Percent	100%, 72%, 95%
CMY	0.0000, 0.2784, 0.0549
CMYK	0.00, 0.28, 0.05, 0.00
HSL	312°, 100%, 86%
HSV	312°, 28%, 100%
XYZ	74.2577, 61.8919, 91.2516
YIQ	211.7270, 24.0190, 32.7790

Conversions

Conversions Part 2

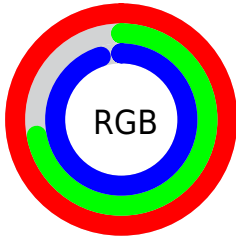
Format	Color
RYB	255, 184, 241
Decimal	16759025
CIELab	82.86, 34.41, -18.12
CIELCh	83, 38.886, 332.223
Yxy	61.8919, 0.3265, 0.2722
Android (android.graphics.Color)	4294949105 (0xFFFFB8F1)
YUV	211.7270, 14.4316, 37.9504
Hunter-Lab	78.6714, 30.8107, -13.7010

Details

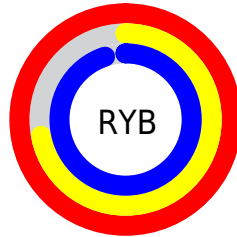
The RYB color **255, 184, 241** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **184, 243, 255**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 241, 255**, and **197, 130, 185** is the 20% darker color. If you saturate the color by 10%, you get **255, 159, 236**, and if you desaturate by 10%, it is **255, 210, 246**.

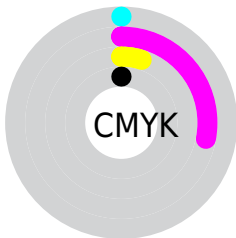
Distribution



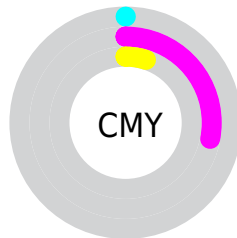
- Red (100%)
- Green (72%)
- Blue (95%)



- Red (100%)
- Yellow (72%)
- Blue (95%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 184, 241 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, 184, 241 by changing the saturation by 10% instead.

 255, 184, 241


 255, 184, 241

255, 255, 255

 226, 157, 213

 255, 241, 255

 197, 130, 185

 170, 104, 158

 142, 79, 132

 116, 55, 106

 90, 31, 82

 66, 4, 59

 43, 0, 37

 3, 0, 14

■ 255, 184, 241

■ 255, 184, 241

■ 255, 159, 236

■ 255, 210, 246

■ 255, 133, 231

■ 255, 235, 251

■ 255, 107, 226

255, 255, 255

■ 255, 82, 221

■ 255, 57, 216

■ 255, 31, 211

■ 255, 6, 206

■ 255, 0, 205

Harmonies

Analogous

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



215, 196, 255



255, 184, 241



255, 178, 205

Triad

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



255, 184, 241



165, 229, 133



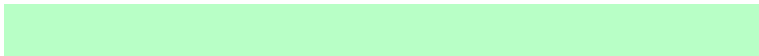
76, 155, 244

Complementary

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



255, 184, 241



184, 243, 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.



103, 169, 226



255, 184, 241



143, 216, 169

Square

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



255, 184, 241



255, 230, 143



147, 205, 223



104, 169, 255

Rectangle

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



255, 184, 241



255, 180, 180



147, 205, 223



80, 155, 233

Sweetspot

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



255, 184, 241



255, 235, 251



197, 184, 255



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



255, 184, 241



255, 171, 238



255, 184, 206



128, 115, 125



191, 0, 154



64, 0, 51

Inverse Universe

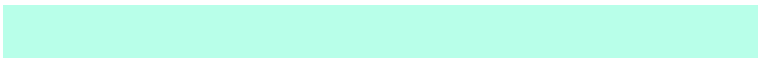
The Inverse Universe completely reimagines the original color for something new.



255, 184, 241



255, 171, 238



184, 226, 255



128, 115, 125



191, 0, 154



64, 0, 51

Previews

White Background



This preview shows how the RYB color 255, 184, 241 looks on a white background.

Color Contrast Check

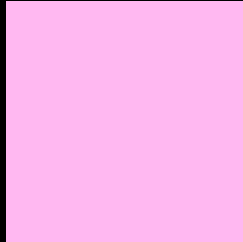
Large Text (above 18pt) WCAG AA × Fail

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, 184, 241 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, 184, 241 Background



This preview shows how black text looks on a background with the RYB color 255, 184, 241.

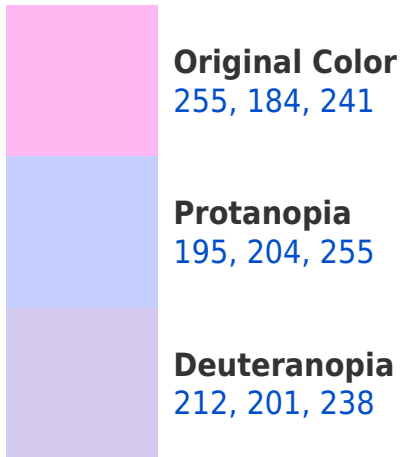



This preview shows how white text looks on a background with the RYB color 255, 184, 241.

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





Tritanopia
250, 191, 205

Trichromacy



Original Color

255, 184, 241



Protanomaly

217, 197, 250



Deuteranomaly

228, 195, 239



Tritanomaly

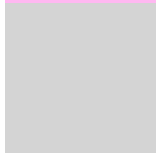
252, 188, 218

Monochromacy



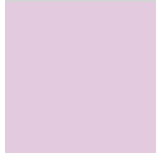
Original Color

255, 184, 241



Achromatopsia

212, 212, 212



Achromatomaly

228, 202, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 184, 241 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, 184, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 241)  
}
```

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, 184, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 241) }
```

Border

The CSS property to change the border of an element to RYB 255, 184, 241 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, 184, 241) }
```

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

```
.border{ border-color:rgb(255, 184, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 255, 184, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 241) }
```

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

```
.background{ background-color: rgb(255,  
184, 241) }
```

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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