

Converting Colors

`RYB(255, 216, 241)`

Have a look what the booklet for
RYB(255, 216, 241) contains.

RYB(255, 216, 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, 216, 241)`

Conversions

Conversions Part 1

Format	Color
Hex	FFD8F1
RGB	255, 216, 241
RGB Percent	100%, 85%, 95%
CMY	0.0000, 0.1529, 0.0549
CMYK	0.00, 0.15, 0.05, 0.00
HSL	322°, 100%, 92%
HSV	322°, 15%, 100%
XYZ	81.6731, 76.7226, 93.7234
YIQ	230.5110, 15.2190, 16.0430

Conversions

Conversions Part 2

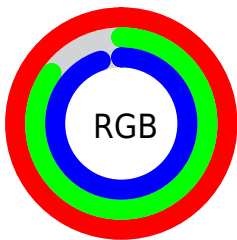
Format	Color
R_{YB}	255, 216, 241
Decimal	16767217
CIE _{Lab}	90.19, 17.62, -7.16
CIE _{LCh}	90, 19.020, 337.893
Yxy	76.7226, 0.3239, 0.3043
Android (android.graphics.Color)	4294957297 (0xFFFFD8F1)
YUV	230.5110, 5.1711, 21.4769
Hunter-Lab	87.5914, 13.1541, -2.1267

Details

The RYB color **255, 216, 241** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **216, 245, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 161, 185** is the 20% darker color. If you saturate the color by 10%, you get **255, 191, 232**, and if you desaturate by 10%, it is 255, 242, 250.

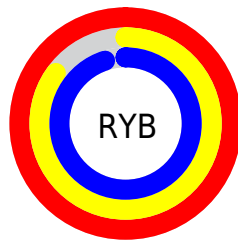
Distribution



Red (100%)

Green (85%)

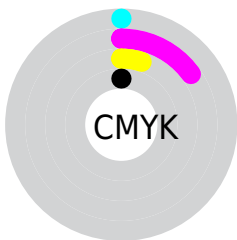
Blue (95%)



Red (100%)

Yellow (85%)

Blue (95%)

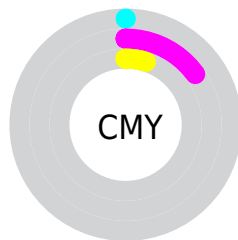


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 216, 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, 216, 241 by changing the saturation by 10% instead.


 255, 216, 241

255, 255, 255

 255, 216, 241

 226, 188, 213

 198, 161, 185

 171, 135, 158

 144, 109, 132

 118, 85, 107

 93, 61, 83

 69, 39, 59

 46, 18, 38


 28, 0, 17

 255, 216, 241

 255, 216, 241


 255, 191, 232


 255, 242, 250


 255, 165, 223


255, 255, 255


 255, 140, 214

 255, 114, 204

 255, 89, 195

 255, 63, 186

 255, 37, 177

 255, 12, 168

 255, 0, 163

Harmonies

Analogous

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



236, 221, 255



255, 216, 241



255, 214, 223

Triad

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



255, 216, 241



202, 236, 191



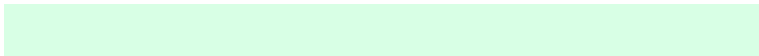
180, 211, 249

Complementary

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



255, 216, 241



216, 245, 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.



182, 212, 238



255, 216, 241



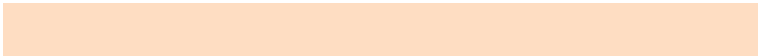
198, 233, 215

Square

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



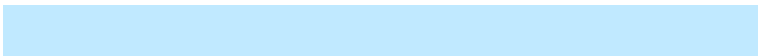
255, 216, 241



254, 243, 194



196, 224, 236



192, 217, 255

Rectangle

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



255, 216, 241



255, 215, 211



196, 224, 236



179, 209, 243

Sweetspot

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



255, 216, 241



255, 242, 250



230, 216, 255



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



255, 216, 241



255, 209, 239



255, 216, 222



128, 115, 123



191, 0, 123



64, 0, 41

Inverse Universe

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



255, 216, 241



255, 209, 239



216, 237, 255



128, 115, 123



191, 0, 123



64, 0, 41

Previews

White Background



This preview shows how the RYB color 255, 216, 241 looks on a white background.

Color Contrast Check

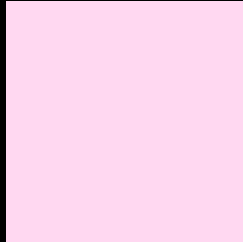
Large Text (above 18pt) WCAG AA × Fail

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, 216, 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, 216, 241 Background



This preview shows how black text looks on a background with the RYB color 255, 216, 241.



This preview shows how white text looks on a background with the RYB color 255, 216, 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



Original Color
255, 216, 241

Protanopia
225, 226, 247

Deuteranopia
243, 220, 240



Tritanopia

254, 217, 234

Trichromacy



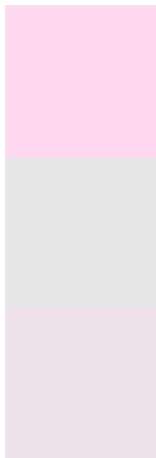
Original Color
255, 216, 241

Protanomaly
236, 222, 245

Deuteranomaly
247, 219, 240

Tritanomaly
254, 217, 237

Monochromacy



Original Color
255, 216, 241

Achromatopsia
231, 231, 231

Achromatomaly
240, 226, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 216, 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, 216, 241) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 241) }
```

Border

The CSS property to change the border of an element to RYB 255, 216, 241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

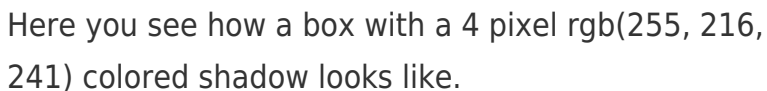
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 216, 241) }
```

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

```
.border{ border-color:rgb(255, 216, 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, 216, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 255, 216, 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, 216, 241) }
```

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

```
.background{ background-color: rgb(255,  
216, 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](#).

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