

Converting Colors

`RYB(255, 209, 229)`

Have a look what the booklet for
RYB(255, 209, 229) contains.

RYB(255, 209, 229)	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, 209, 229)`

Conversions

Conversions Part 1

Format	Color
Hex	FFD1E5
RGB	255, 209, 229
RGB Percent	100%, 82%, 90%
CMY	0.0000, 0.1804, 0.1020
CMYK	0.00, 0.18, 0.10, 0.00
HSL	334°, 100%, 91%
HSV	334°, 18%, 100%
XYZ	78.1833, 72.5181, 84.0054
YIQ	225.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

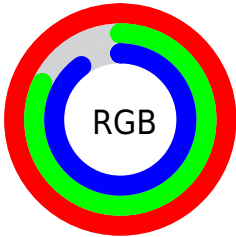
Format	Color
R _Y B	255, 209, 229
Decimal	16765413
CIE Lab	88.22, 19.27, -3.75
CIE LCh	88, 19.633, 348.993
Yxy	72.5181, 0.3331, 0.3090
Android (android.graphics.Color)	4294955493 (0xFFFFD1E5)
YUV	225.0340, 1.9552, 26.2802
Hunter-Lab	85.1575, 14.8555, 1.1224

Details

The RYB color **255, 209, 229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209, 238, 255**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 154, 174** is the 20% darker color. If you saturate the color by 10%, you get **255, 183, 215**, and if you desaturate by 10%, it is **255, 235, 243**.

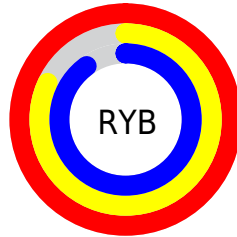
Distribution



Red (100%)

Green (82%)

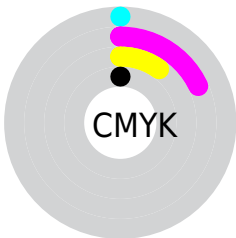
Blue (90%)



Red (100%)

Yellow (82%)

Blue (90%)

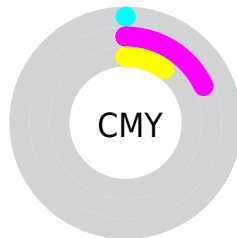


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 209, 229 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, 229 by changing the saturation by 10% instead.

 255, 209, 229


255, 255, 255

 255, 209, 229

 226, 181, 201

 198, 154, 174


 170, 128, 147

 144, 103, 121

 118, 79, 96

 92, 55, 73

 68, 33, 50

 45, 12, 29

 24, 0, 2

■ 255, 209, 229

■ 255, 209, 229

■ 255, 183, 215

■ 255, 235, 243

■ 255, 158, 200

255, 255, 255

■ 255, 132, 186

■ 255, 107, 171

■ 255, 82, 157

■ 255, 56, 143

■ 255, 30, 128

■ 255, 5, 114

■ 255, 0, 111

Harmonies

Analogous

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



239, 213, 246



255, 209, 229



255, 209, 210

Triad

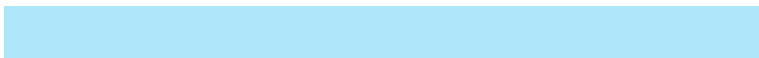
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 209, 229



186, 224, 187



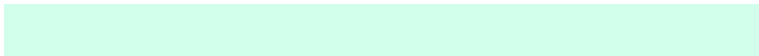
176, 207, 249

Complementary

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



255, 209, 229



209, 238, 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.



173, 203, 233



255, 209, 229



196, 229, 223

Square

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



255, 209, 229



229, 243, 185



183, 213, 232



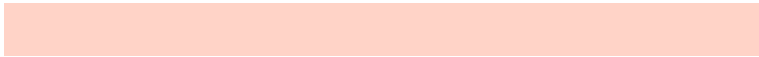
192, 214, 255

Rectangle

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



255, 209, 229



255, 214, 199



183, 213, 232



173, 205, 244

Sweetspot

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



255, 209, 229



255, 242, 248



234, 209, 255



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



255, 209, 229



255, 199, 223



255, 211, 209



128, 115, 120



191, 0, 83



64, 0, 28

Inverse Universe

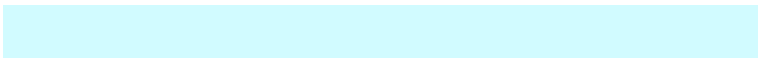
The Inverse Universe completely reimagines the original color for something new.



255, 209, 229



255, 199, 223



209, 231, 255



128, 115, 120



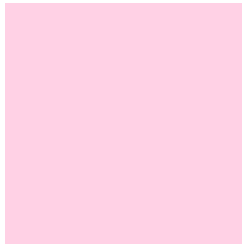
191, 0, 83



64, 0, 28

Previews

White Background



This preview shows how the RYB color 255, 209, 229 looks on a white background.

Color Contrast Check

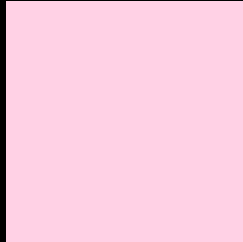
Large Text (above 18pt) WCAG AA × Fail

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, 229 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, 229 Background



This preview shows how black text looks on a background with the RYB color 255, 209, 229.

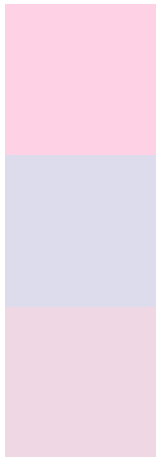


This preview shows how white text looks on a background with the RYB color 255, 209, 229.

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, 229

Protanopia
221, 220, 236

Deuteranopia
240, 215, 228



Tritanopia
255, 210, 226

Trichromacy



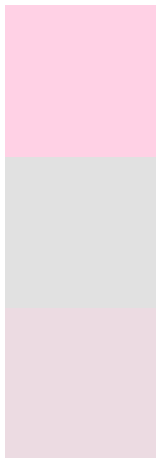
Original Color
255, 209, 229

Protanomaly
233, 216, 233

Deuteranomaly
245, 213, 228

Tritanomaly
255, 210, 227

Monochromacy



Original Color
255, 209, 229

Achromatopsia
225, 225, 225

Achromatomaly
236, 219, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 209, 229 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, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 229) }
```

Border

The CSS property to change the border of an element to RYB 255, 209, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

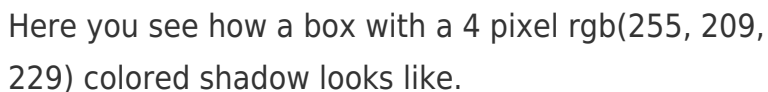
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 209, 229) }
```

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

```
.border{ border-color:rgb(255, 209, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 209, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 209, 229); box-shadow:4px 4px 4px 4px rgb(255, 209, 229) }
```

Background

The CSS property to change the background color of an element to RYB 255, 209, 229 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
209, 229) }
```

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