

Converting Colors

`RYB(255, 199, 209)`

Have a look what the booklet for
RYB(255, 199, 209) contains.

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Color

R_YB(255, 199, 209)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D1
RGB	255, 199, 209
RGB Percent	100%, 78%, 82%
CMY	0.0000, 0.2196, 0.1804
CMYK	0.00, 0.22, 0.18, 0.00
HSL	349°, 100%, 89%
HSV	349°, 22%, 100%
XYZ	73.1720, 66.7103, 69.3414
YIQ	216.8840, 30.1660, 14.9820

Conversions

Conversions Part 2

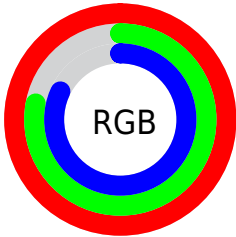
Format	Color
R _Y B	255, 199, 209
Decimal	16762833
CIE Lab	85.36, 21.37, 2.68
CIE LCh	85, 21.536, 7.157
Yxy	66.7103, 0.3497, 0.3188
Android (android.graphics.Color)	4294952913 (0xFFFFC7D1)
YUV	216.8840, -3.8868, 33.4277
Hunter-Lab	81.6764, 16.9805, 6.8376

Details

The RYB color **255, 199, 209** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **199, 230, 255**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 145, 155** is the 20% darker color. If you saturate the color by 10%, you get **255, 174, 188**, and if you desaturate by 10%, it is **255, 225, 230**.

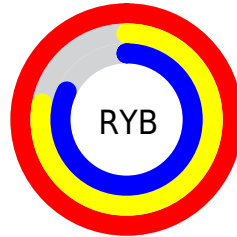
Distribution



Red (100%)

Green (78%)

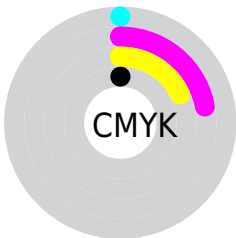
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

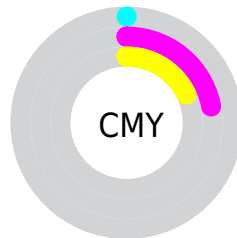


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 199, 209 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, 199, 209 by changing the saturation by 10% instead.


 255, 199, 209


255, 255, 255

 255, 199, 209


 226, 172, 181

 198, 145, 155

 170, 119, 129

 143, 94, 104

 116, 70, 80

 91, 47, 57

 66, 25, 35

 43, 2, 14

 4, 0, 0

 255, 199, 209

 255, 199, 209

 255, 174, 188

 255, 225, 230


 255, 148, 167

 255, 250, 251

 255, 122, 146

255, 255, 255

 255, 97, 125

 255, 71, 104

 255, 46, 83

 255, 20, 62

 255, 0, 46

Harmonies

Analogous

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



244, 201, 230



255, 199, 209



254, 203, 190

Triad

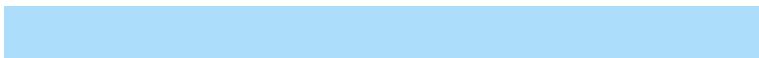
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 199, 209



180, 220, 199



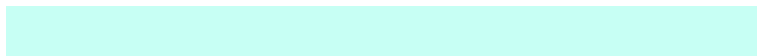
172, 202, 250

Complementary

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



255, 199, 209



199, 230, 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.



159, 194, 237



255, 199, 209



179, 211, 224

Square

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



255, 199, 209



187, 224, 173



162, 195, 225



197, 209, 253

Rectangle

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



255, 199, 209



248, 220, 180



162, 195, 225



166, 199, 247

Sweetspot

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



255, 199, 209



255, 237, 240



245, 199, 255



128, 117, 119



0, 0, 0



128, 128, 128

Same Dimension

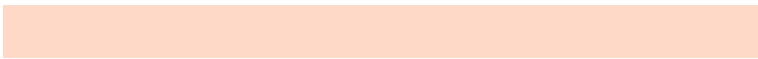
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 199, 209



255, 189, 201



255, 226, 199



128, 115, 117



191, 0, 34



64, 0, 11

Inverse Universe

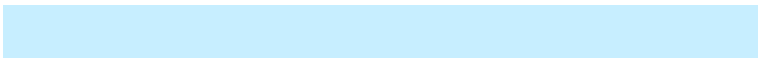
The Inverse Universe completely reimagines the original color for something new.



255, 199, 209



255, 189, 201



199, 222, 255



128, 115, 117



191, 0, 34



64, 0, 11

Previews

White Background



This preview shows how the RYB color 255, 199, 209 looks on a white background.

Color Contrast Check

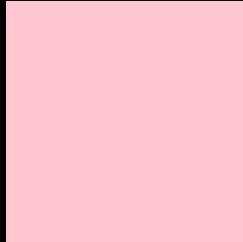
Large Text (above 18pt) WCAG AA × Fail

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, 199, 209 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, 199, 209 Background



This preview shows how black text looks on a background with the RYB color 255, 199, 209.

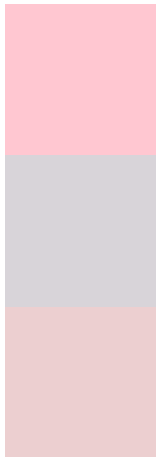


This preview shows how white text looks on a background with the RYB color 255, 199, 209.

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, 199, 209

Protanopia
216, 212, 217

Deuteranopia
236, 207, 208



Tritanopia
255, 199, 214

Trichromacy



Original Color

255, 199, 209

Protanomaly

230, 207, 214

Deuteranomaly

243, 204, 208

Tritanomaly

255, 199, 212

Monochromacy



Original Color

255, 199, 209

Achromatopsia

217, 217, 217

Achromatomaly

231, 210, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 199, 209 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, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 209)  
}
```

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, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 209) }
```

Border

The CSS property to change the border of an element to RYB 255, 199, 209 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, 199, 209) }
```

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

```
.border{ border-color:rgb(255, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 255, 199, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 209) }
```

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

```
.background{ background-color: rgb(255,  
199, 209) }
```

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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