

Converting Colors

`RYB(255, 204, 212)`

Have a look what the booklet for
RYB(255, 204, 212) contains.

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Color

`RYB(255, 204, 212)`

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD4
RGB	255, 204, 212
RGB Percent	100%, 80%, 83%
CMY	0.0000, 0.2000, 0.1686
CMYK	0.00, 0.20, 0.17, 0.00
HSL	351°, 100%, 90%
HSV	351°, 20%, 100%
XYZ	74.7165, 69.1992, 71.7061
YIQ	220.1610, 27.8280, 13.3000

Conversions

Conversions Part 2

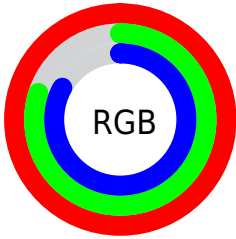
Format	Color
R _Y B	255, 204, 212
Decimal	16764116
CIE Lab	86.60, 19.20, 2.90
CIE LCh	87, 19.420, 8.576
Yxy	69.1992, 0.3465, 0.3209
Android (android.graphics.Color)	4294954196 (0xFFFFCCD4)
YUV	220.1610, -4.0234, 30.5538
Hunter-Lab	83.1861, 14.7506, 7.1224

Details

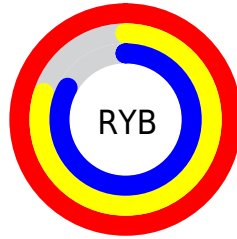
The RYB color **255, 204, 212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 232, 255**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 150, 157** is the 20% darker color. If you saturate the color by 10%, you get **255, 179, 191**, and if you desaturate by 10%, it is **255, 230, 234**.

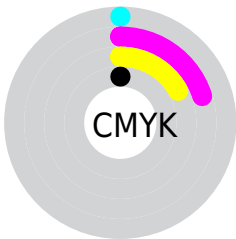
Distribution



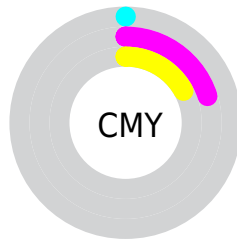
- Red (100%)
- Green (80%)
- Blue (83%)



- Red (100%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 204, 212 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, 204, 212 by changing the saturation by 10% instead.


 255, 204, 212


255, 255, 255

 255, 204, 212


 226, 176, 184

 198, 150, 157

 170, 124, 131

 143, 99, 106

 117, 74, 82

 91, 51, 59

 67, 29, 38

 44, 7, 17

 12, 0, 0

■ 255, 204, 212

■ 255, 204, 212

■ 255, 179, 191

■ 255, 230, 234

■ 255, 153, 169

255, 255, 255

■ 255, 128, 148

■ 255, 102, 126

■ 255, 77, 105

■ 255, 51, 83

■ 255, 25, 62

■ 255, 0, 40

Harmonies

Analogous

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



245, 206, 231



255, 204, 212



254, 209, 195

Triad

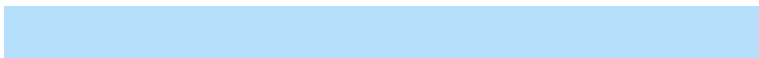
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 204, 212



188, 223, 206



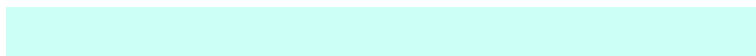
181, 207, 250

Complementary

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



255, 204, 212



204, 232, 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.



169, 200, 239



255, 204, 212



185, 213, 226

Square

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



255, 204, 212



191, 226, 180



171, 201, 228



203, 214, 253

Rectangle

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



255, 204, 212



248, 223, 186



171, 201, 228



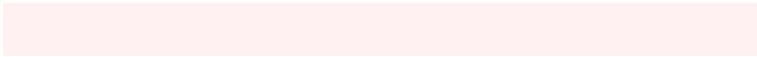
176, 205, 248

Sweetspot

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



255, 204, 212



255, 240, 242



247, 204, 255



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



255, 204, 212



255, 194, 203



255, 230, 204



128, 115, 117



191, 0, 30



64, 0, 10

Inverse Universe

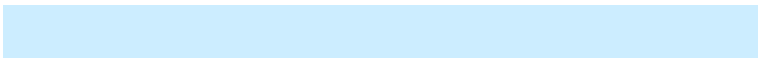
The Inverse Universe completely reimagines the original color for something new.



255, 204, 212



255, 194, 203



204, 224, 255



128, 115, 117



191, 0, 30



64, 0, 10

Previews

White Background



This preview shows how the RYB color 255, 204, 212 looks on a white background.

Color Contrast Check

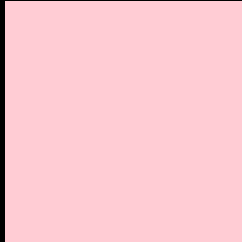
Large Text (above 18pt) WCAG AA × Fail

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, 204, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

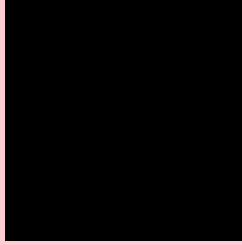
Any Text WCAG AA ✓ Pass

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, 204, 212 Background



This preview shows how black text looks on a background with the RYB color 255, 204, 212.

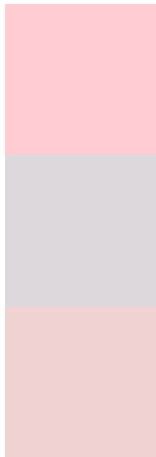


This preview shows how white text looks on a background with the RYB color 255, 204, 212.

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, 204, 212

Protanopia
220, 216, 219

Deuteranopia
240, 210, 211



Tritanopia
255, 203, 219

Trichromacy



Original Color

255, 204, 212

Protanomaly

233, 212, 216

Deuteranomaly

245, 208, 211

Tritanomaly

255, 203, 216

Monochromacy



Original Color

255, 204, 212

Achromatopsia

220, 220, 220

Achromatomaly

233, 214, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 204, 212 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, 204, 212) looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 212)  
}
```

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, 204, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 212) }
```

Border

The CSS property to change the border of an element to RYB 255, 204, 212 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, 204, 212) }
```

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

```
.border{ border-color:rgb(255, 204, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 255, 204, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 212) }
```

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

```
.background{ background-color: rgb(255,  
204, 212) }
```

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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