

Converting Colors

`RYB(255, 204, 210)`

Have a look what the booklet for
RYB(255, 204, 210) contains.

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Color

R_YB(255, 204, 210)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD2
RGB	255, 204, 210
RGB Percent	100%, 80%, 82%
CMY	0.0000, 0.2000, 0.1765
CMYK	0.00, 0.20, 0.18, 0.00
HSL	353°, 100%, 90%
HSV	353°, 20%, 100%
XYZ	74.4657, 69.0989, 70.3854
YIQ	219.9330, 28.4700, 12.6780

Conversions

Conversions Part 2

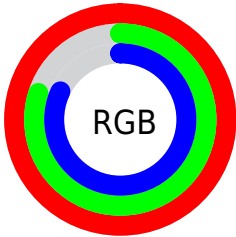
Format	Color
R_{YB}	255, 204, 210
Decimal	16764114
CIE _{Lab}	86.55, 18.90, 3.89
CIE _{LCh}	87, 19.295, 11.617
Yxy	69.0989, 0.3481, 0.3230
Android (android.graphics.Color)	4294954194 (0xFFFFCCD2)
YUV	219.9330, -4.8970, 30.7538
Hunter-Lab	83.1257, 14.4339, 7.9851

Details

The RYB color **255, 204, 210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 231, 255**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 150, 156** is the 20% darker color. If you saturate the color by 10%, you get **255, 179, 188**, and if you desaturate by 10%, it is **255, 230, 233**.

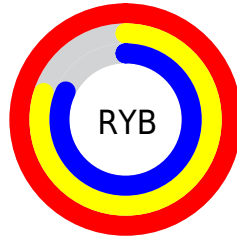
Distribution



Red (100%)

Green (80%)

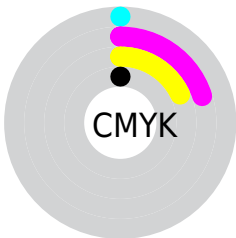
Blue (82%)



Red (100%)

Yellow (80%)

Blue (82%)

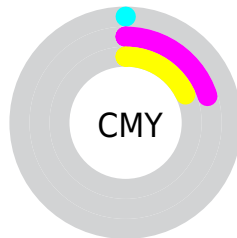


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 204, 210 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, 210 by changing the saturation by 10% instead.


 255, 204, 210


255, 255, 255

 255, 204, 210


 226, 176, 182

 198, 150, 156

 170, 124, 130

 143, 99, 105

 117, 74, 80

 91, 51, 58

 67, 29, 36

 44, 8, 15

 11, 0, 0

■ 255, 204, 210

■ 255, 204, 210

■ 255, 179, 188

■ 255, 230, 233

■ 255, 153, 165

255, 255, 255

■ 255, 128, 143

■ 255, 102, 120

■ 255, 77, 98

■ 255, 51, 75

■ 255, 25, 53

■ 255, 0, 30

Harmonies

Analogous

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



247, 205, 229



255, 204, 210



253, 210, 193

Triad

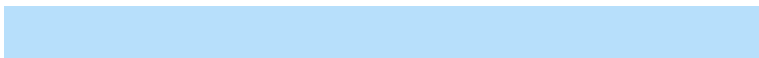
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 204, 210



189, 223, 209



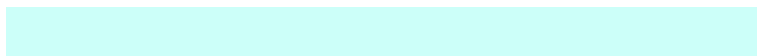
183, 208, 251

Complementary

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



255, 204, 210



204, 231, 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.



170, 201, 240



255, 204, 210



183, 211, 226

Square

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



255, 204, 210



188, 224, 181



170, 200, 227



206, 214, 252

Rectangle

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



255, 204, 210



246, 227, 185



170, 200, 227



178, 205, 248

Sweetspot

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



255, 204, 210



255, 240, 242



248, 204, 255



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

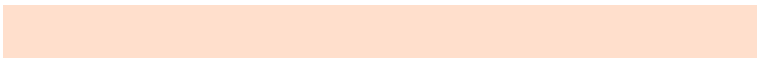
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 204, 210



255, 194, 201



255, 234, 204



128, 115, 116



191, 0, 23



64, 0, 8

Inverse Universe

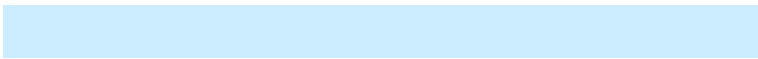
The Inverse Universe completely reimagines the original color for something new.



255, 204, 210



255, 194, 201



204, 224, 255



128, 115, 116



191, 0, 22



64, 0, 7

Previews

White Background



This preview shows how the RYB color 255, 204, 210 looks on a white background.

Color Contrast Check

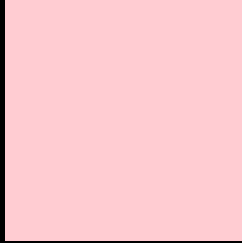
Large Text (above 18pt) WCAG AA × Fail

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, 210 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, 210 Background



This preview shows how black text looks on a background with the RYB color 255, 204, 210.



This preview shows how white text looks on a background with the RYB color 255, 204, 210.

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, 210

Protanopia
221, 216, 217

Deuteranopia
241, 210, 209



Tritanopia
255, 203, 218

Trichromacy



Original Color

255, 204, 210

Protanomaly

233, 212, 214

Deuteranomaly

246, 208, 209

Tritanomaly

255, 203, 215

Monochromacy



Original Color

255, 204, 210

Achromatopsia

220, 220, 220

Achromatomaly

233, 214, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 204, 210 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 210) }
```

Border

The CSS property to change the border of an element to RYB 255, 204, 210 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, 210) }
```

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

```
.border{ border-color:rgb(255, 204, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 255, 204, 210 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
204, 210) }
```

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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