

# Converting Colors

RGB(255, 201, 204)

Have a look what the booklet for  
RGB(255, 201, 204) contains.

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# **Color**

**RGB(255, 201, 204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC9CC
RGB	255, 201, 204
RGB Percent	100%, 79%, 80%
CMY	0.0000, 0.2118, 0.2000
CMYK	0.00, 0.21, 0.20, 0.00
HSL	357°, 100%, 89%
HSV	357°, 21%, 100%
XYZ	73.0257, 67.3929, 66.2860
YIQ	217.4880, 31.2210, 12.3810

# Conversions

## Conversions Part 2

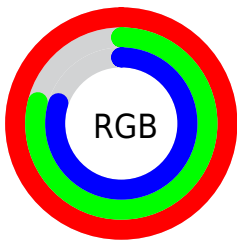
Format	Color
R <sub>Y</sub> B	255, 201, 204
Decimal	16763340
CIE Lab	85.70, 19.58, 5.84
CIE LCh	86, 20.430, 16.618
Yxy	67.3929, 0.3533, 0.3260
Android (android.graphics.Color)	4294953420 (0xFFFFC9CC)
YUV	217.4880, -6.6496, 32.8980
Hunter-Lab	82.0932, 15.1210, 9.5916

# Details

The RGB color **255, 201, 204** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **201, 255, 252**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 147, 150** is the 20% darker color. If you saturate the color by 10%, you get **255, 176, 180**, and if you desaturate by 10%, it is **255, 227, 228**.

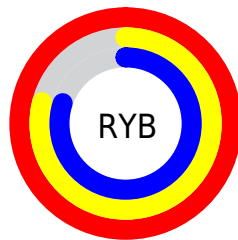
# Distribution



Red (100%)

Green (79%)

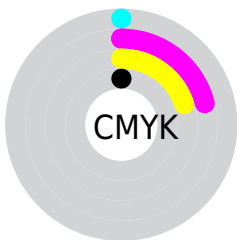
Blue (80%)



Red (100%)

Yellow (79%)

Blue (80%)

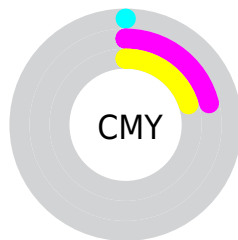


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 255, 201, 204 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 RGB color 255, 201, 204 by changing the saturation by 10% instead.




 255, 201, 204

255, 255, 255

 255, 201, 204


 226, 174, 177

 198, 147, 150

 170, 121, 124

 143, 96, 99

 116, 72, 75

 91, 49, 53

 66, 27, 32

 43, 4, 7

 3, 0, 0

 255, 201, 204

 255, 201, 204

 255, 176, 180

 255, 227, 228

 255, 150, 156

 255, 252, 252

 255, 124, 132

255, 255, 255

 255, 99, 108

 255, 73, 84

 255, 48, 60

 255, 22, 35

 255, 0, 14

# Harmonies

## Analogous

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



248, 202, 224



255, 201, 204



251, 204, 187

# Triad

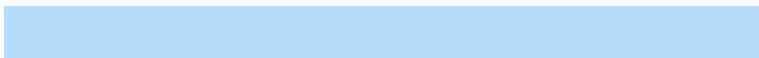
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 201, 204



196, 222, 187



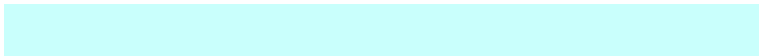
182, 219, 251

# Complementary

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



255, 201, 204



201, 255, 252

# 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.



166, 223, 242



255, 201, 204



176, 225, 205

# Square

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



255, 201, 204



218, 216, 177



164, 225, 225



207, 212, 251

# Rectangle

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



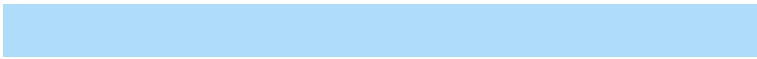
255, 201, 204



243, 208, 179



164, 225, 225



175, 220, 249

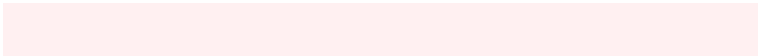


# Sweetspot

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



255, 201, 204



255, 240, 241



251, 201, 255



128, 119, 119



0, 0, 0



128, 128, 128



# Same Dimension

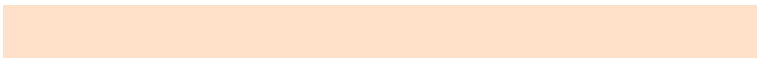
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 201, 204



255, 191, 195



255, 224, 201



128, 115, 115



191, 0, 11



64, 0, 4



# Inverse Universe

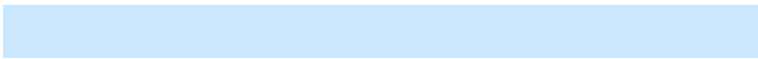
The Inverse Universe completely reimagines the original color for something new.



255, 201, 204



255, 191, 195



201, 232, 255



128, 115, 115



191, 0, 11



64, 0, 4



# Previews

## White Background



This preview shows how the RGB color 255, 201, 204 looks on a white background.

## Color Contrast Check

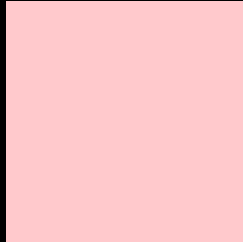
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 255, 201, 204 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](#).



## RGB 255, 201, 204 Background



This preview shows how black text looks on a background with the RGB color 255, 201, 204.



This preview shows how white text looks on a background with the RGB color 255, 201, 204.

# 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, 201, 204

**Protanopia**  
219, 214, 211

**Deuteranopia**  
240, 207, 203



**Tritanopia**  
255, 200, 215

# Trichromacy



**Original Color**

255, 201, 204

**Protanomaly**

232, 209, 208

**Deuteranomaly**

245, 205, 203

**Tritanomaly**

255, 200, 211

# Monochromacy



**Original Color**

255, 201, 204

**Achromatopsia**

217, 217, 217

**Achromatomaly**

231, 211, 212

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 255, 201, 204 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, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 204)  
}
```

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, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 204) }
```

## Border

The CSS property to change the border of an element to RGB 255, 201, 204 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, 201, 204) }
```

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

```
.border{ border-color:rgb(255, 201, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
204) }
```

# Background

The CSS property to change the background color of an element to RGB 255, 201, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 204) }
```

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

```
.background{ background-color: rgb(255,  
201, 204) }
```

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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