

Converting Colors

RGB(255, 207, 216)

Have a look what the booklet for
RGB(255, 207, 216) contains.

RGB(255, 207, 216)	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

RGB(255, 207, 216)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD8
RGB	255, 207, 216
RGB Percent	100%, 81%, 85%
CMY	0.0000, 0.1882, 0.1529
CMYK	0.00, 0.19, 0.15, 0.00
HSL	349°, 100%, 91%
HSV	349°, 19%, 100%
XYZ	75.9475, 70.8435, 74.6370
YIQ	222.3780, 25.7190, 12.9750

Conversions

Conversions Part 2

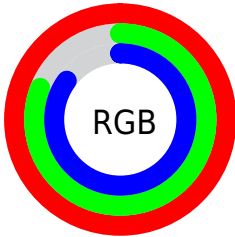
Format	Color
R _Y B	255, 207, 216
Decimal	16764888
CIE Lab	87.41, 18.25, 1.95
CIE LCh	87, 18.351, 6.090
Yxy	70.8435, 0.3430, 0.3199
Android (android.graphics.Color)	4294954968 (0xFFFFCFD8)
YUV	222.3780, -3.1444, 28.6095
Hunter-Lab	84.1686, 13.7701, 6.3422

Details

The RGB color **255, 207, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **207, 255, 246**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 153, 161** is the 20% darker color. If you saturate the color by 10%, you get **255, 181, 195**, and if you desaturate by 10%, it is **255, 233, 237**.

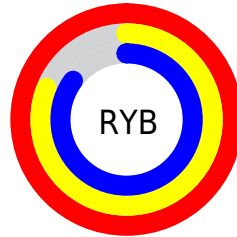
Distribution



Red (100%)

Green (81%)

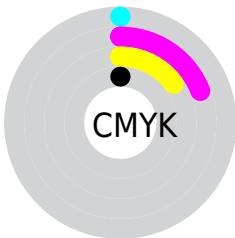
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

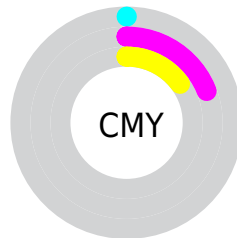


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 207, 216 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, 207, 216 by changing the saturation by 10% instead.

 255, 207, 216

255, 255, 255

 255, 207, 216

 226, 179, 188

 198, 153, 161


 170, 126, 135

 143, 101, 110

 117, 77, 85

 92, 54, 62

 67, 32, 41

 44, 11, 20

 17, 0, 0

■ 255, 207, 216

■ 255, 207, 216

■ 255, 181, 195

■ 255, 233, 237

■ 255, 156, 175

255, 255, 255

■ 255, 131, 154

■ 255, 105, 133

■ 255, 80, 112

■ 255, 54, 92

■ 255, 28, 71

■ 255, 3, 50

■ 255, 0, 48

Harmonies

Analogous

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



245, 209, 234



255, 207, 216



255, 209, 199

Triad

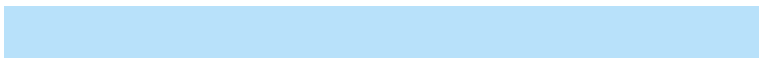
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 207, 216



210, 224, 191



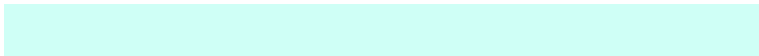
184, 225, 250

Complementary

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



255, 207, 216



207, 255, 246

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.



174, 228, 239



255, 207, 216



190, 228, 204

Square

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



255, 207, 216



229, 219, 185



177, 229, 222



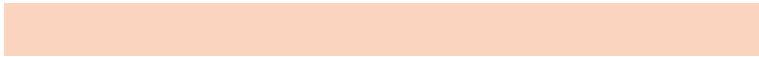
204, 219, 253

Rectangle

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



255, 207, 216



250, 212, 191



177, 229, 222



180, 226, 247

Sweetspot

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



255, 207, 216



255, 240, 243



245, 207, 255



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

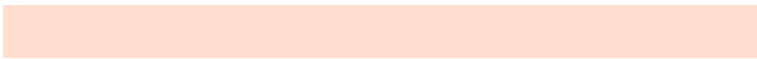
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 207, 216



255, 196, 207



255, 221, 207



128, 115, 117



191, 0, 36



64, 0, 12

Inverse Universe

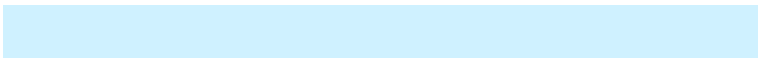
The Inverse Universe completely reimagines the original color for something new.



255, 207, 216



255, 196, 207



207, 241, 255



128, 115, 117



191, 0, 36



64, 0, 12

Previews

White Background



This preview shows how the RGB color 255, 207, 216 looks on a white background.

Color Contrast Check

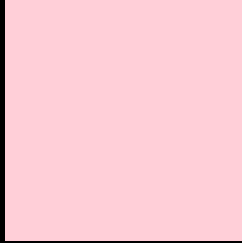
Large Text (above 18pt) WCAG AA × Fail

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, 207, 216 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, 207, 216 Background



This preview shows how black text looks on a background with the RGB color 255, 207, 216.

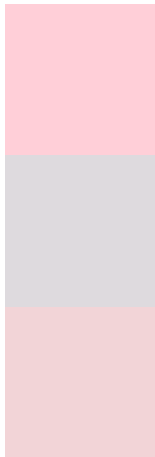


This preview shows how white text looks on a background with the RGB color 255, 207, 216.

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, 207, 216

Protanopia
222, 218, 222

Deuteranopia
242, 212, 215



Tritanopia
255, 206, 222

Trichromacy



Original Color

255, 207, 216

Protanomaly

234, 214, 220

Deuteranomaly

247, 210, 215

Tritanomaly

255, 206, 220

Monochromacy



Original Color

255, 207, 216

Achromatopsia

222, 222, 222

Achromatomaly

234, 217, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 207, 216 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, 207, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 216)  
}
```

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, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 216) }
```

Border

The CSS property to change the border of an element to RGB 255, 207, 216 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, 207, 216) }
```

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

```
.border{ border-color:rgb(255, 207, 216) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 255, 207, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 216) }
```

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

```
.background{ background-color: rgb(255,  
207, 216) }
```

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