

Converting Colors

RGB(255, 206, 218)

Have a look what the booklet for
RGB(255, 206, 218) contains.

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Color

RGB(255, 206, 218)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEDA
RGB	255, 206, 218
RGB Percent	100%, 81%, 85%
CMY	0.0000, 0.1922, 0.1451
CMYK	0.00, 0.19, 0.15, 0.00
HSL	345°, 100%, 90%
HSV	345°, 19%, 100%
XYZ	75.9662, 70.4646, 75.9268
YIQ	222.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

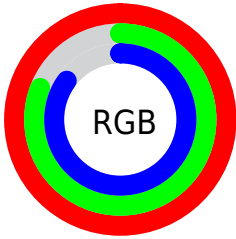
Format	Color
R _Y B	255, 206, 218
Decimal	16764634
CIE Lab	87.22, 19.08, 0.62
CIE LCh	87, 19.092, 1.856
Yxy	70.4646, 0.3416, 0.3169
Android (android.graphics.Color)	4294954714 (0xFFFFCEDA)
YUV	222.0190, -1.9814, 28.9243
Hunter-Lab	83.9432, 14.6369, 5.1323

Details

The RGB color **255, 206, 218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 255, 243**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 152, 163** is the 20% darker color. If you saturate the color by 10%, you get **255, 180, 199**, and if you desaturate by 10%, it is **255, 232, 237**.

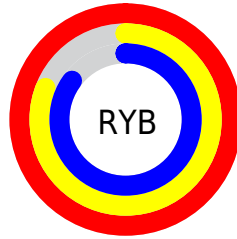
Distribution



Red (100%)

Green (81%)

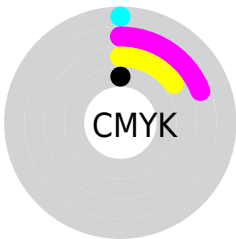
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

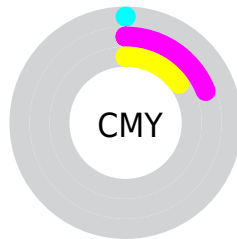


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 206, 218 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, 206, 218 by changing the saturation by 10% instead.

255, 206, 218

255, 206, 218

255, 255, 255

226, 178, 190

198, 152, 163

170, 125, 137

143, 100, 112

117, 76, 87

92, 53, 64


67, 31, 42

44, 9, 22

17, 0, 0

 255, 206, 218


 255, 206, 218

 255, 180, 199


 255, 232, 237


 255, 155, 179

255, 255, 255

 255, 130, 160

 255, 104, 141

 255, 79, 122

 255, 53, 102

 255, 27, 83

 255, 2, 64

 255, 0, 62

Harmonies

Analogous

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



243, 208, 236



255, 206, 218



255, 207, 200

Triad

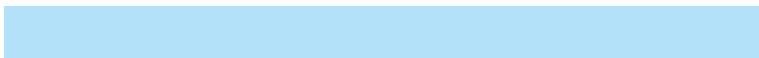
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 206, 218



212, 223, 188



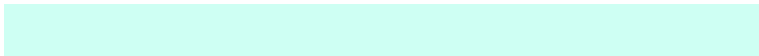
180, 225, 250

Complementary

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



255, 206, 218



206, 255, 243

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.



171, 228, 237



255, 206, 218



191, 227, 201

Square

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



255, 206, 218



232, 218, 182



176, 229, 219



200, 220, 254

Rectangle

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



255, 206, 218



252, 210, 191



176, 229, 219



175, 226, 246

Sweetspot

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



255, 206, 218



255, 240, 243



243, 206, 255



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

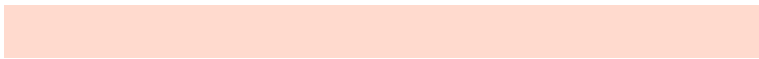
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 206, 218



255, 196, 211



255, 218, 206



128, 115, 118



191, 0, 47



64, 0, 16

Inverse Universe

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



255, 206, 218



255, 196, 211



206, 243, 255



128, 115, 118



191, 0, 47



64, 0, 16

Previews

White Background



This preview shows how the RGB color 255, 206, 218 looks on a white background.

Color Contrast Check

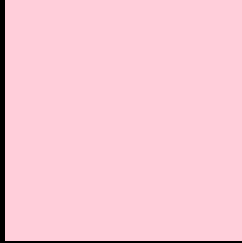
Large Text (above 18pt) WCAG AA × Fail

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, 206, 218 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, 206, 218 Background



This preview shows how black text looks on a background with the RGB color 255, 206, 218.

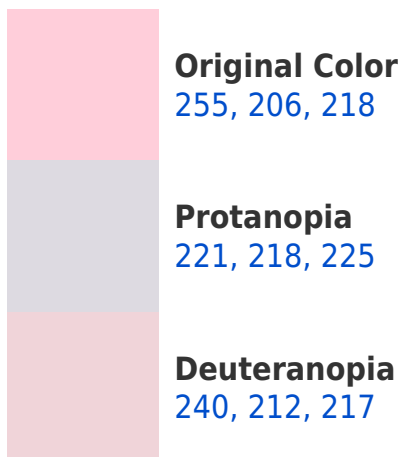


This preview shows how white text looks on a background with the RGB color 255, 206, 218.

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





Tritanopia
255, 206, 221

Trichromacy



Original Color
255, 206, 218

Protanomaly
233, 214, 222

Deuteranomaly
245, 210, 217

Tritanomaly
255, 206, 220

Monochromacy



Original Color
255, 206, 218

Achromatopsia
222, 222, 222

Achromatomaly
234, 216, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 206, 218 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, 206, 218) looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 218)  
}
```

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, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 218) }
```

Border

The CSS property to change the border of an element to RGB 255, 206, 218 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, 206, 218) }
```

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

```
.border{ border-color:rgb(255, 206, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 255, 206, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 218) }
```

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

```
.background{ background-color: rgb(255,  
206, 218) }
```

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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