

Converting Colors

`RYB(255, 197, 206)`

Have a look what the booklet for
RYB(255, 197, 206) contains.

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Color

R_YB(255, 197, 206)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5CE
RGB	255, 197, 206
RGB Percent	100%, 77%, 81%
CMY	0.0000, 0.2275, 0.1922
CMYK	0.00, 0.23, 0.19, 0.00
HSL	351°, 100%, 89%
HSV	351°, 23%, 100%
XYZ	72.3468, 65.6487, 67.2509
YIQ	215.3680, 31.6790, 15.0950

Conversions

Conversions Part 2

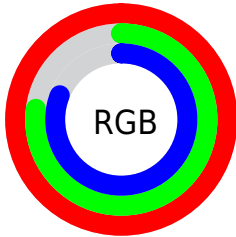
Format	Color
R _Y B	255, 197, 206
Decimal	16762318
CIE Lab	84.82, 21.97, 3.50
CIE LCh	85, 22.245, 9.048
Yxy	65.6487, 0.3525, 0.3199
Android (android.graphics.Color)	4294952398 (0xFFFFC5CE)
YUV	215.3680, -4.6184, 34.7573
Hunter-Lab	81.0239, 17.5921, 7.5053

Details

The RYB color **255, 197, 206** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **197, 228, 255**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 254, 255**, and **197, 143, 152** is the 20% darker color. If you saturate the color by 10%, you get **255, 172, 184**, and if you desaturate by 10%, it is **255, 223, 228**.

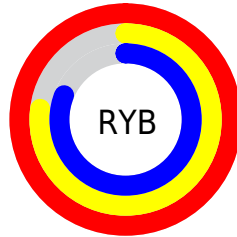
Distribution



Red (100%)

Green (77%)

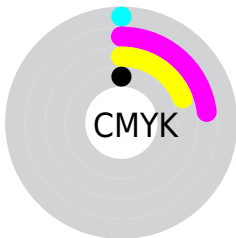
Blue (81%)



Red (100%)

Yellow (77%)

Blue (81%)

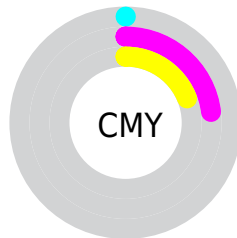


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 197, 206 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, 197, 206 by changing the saturation by 10% instead.

 255, 197, 206


 255, 197, 206

255, 255, 255

 226, 170, 179


255, 254, 255

 197, 143, 152

 170, 117, 126

 143, 92, 101

 116, 68, 77

 91, 45, 54

 66, 23, 33

 43, 0, 10

 0, 0, 0

255, 197, 206

255, 197, 206

255, 172, 184

255, 223, 228

255, 146, 163

255, 248, 249

255, 121, 141

255, 255, 255

255, 95, 120

255, 69, 98

255, 44, 77

255, 18, 55

255, 0, 40

Harmonies

Analogous

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



245, 199, 227



255, 197, 206



254, 204, 186

Triad

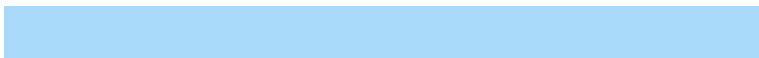
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 197, 206



179, 219, 200



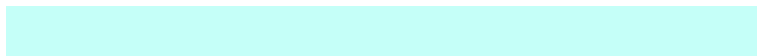
170, 200, 250

Complementary

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



255, 197, 206



197, 228, 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.



156, 192, 237



255, 197, 206



175, 208, 223

Square

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



255, 197, 206



182, 222, 170



158, 193, 224



196, 208, 253

Rectangle

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



255, 197, 206



246, 220, 176



158, 193, 224



164, 197, 247

Sweetspot

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



255, 197, 206



255, 237, 240



245, 197, 255



128, 117, 119



0, 0, 0



128, 128, 128

Same Dimension

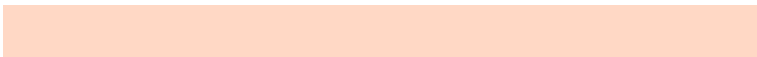
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 197, 206



255, 186, 197



255, 225, 197



128, 115, 117



191, 0, 30



64, 0, 10

Inverse Universe

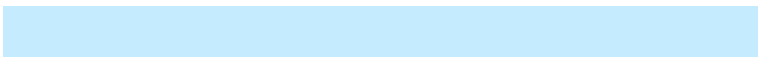
The Inverse Universe completely reimagines the original color for something new.



255, 197, 206



255, 186, 197



197, 220, 255



128, 115, 117



191, 0, 30



64, 0, 10

Previews

White Background



This preview shows how the RYB color 255, 197, 206 looks on a white background.

Color Contrast Check

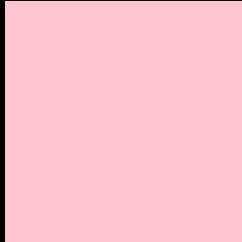
Large Text (above 18pt) WCAG AA × Fail

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, 197, 206 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, 197, 206 Background



This preview shows how black text looks on a background with the RYB color 255, 197, 206.

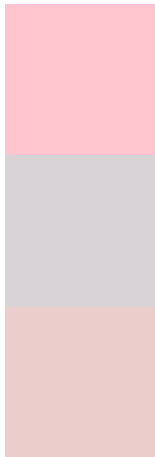


This preview shows how white text looks on a background with the RYB color 255, 197, 206.

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, 197, 206

Protanopia
215, 211, 214

Deuteranopia
235, 205, 204



Tritanopia
255, 196, 211

Trichromacy



Original Color

255, 197, 206

Protanomaly

230, 206, 211

Deuteranomaly

242, 202, 205

Tritanomaly

255, 196, 209

Monochromacy



Original Color

255, 197, 206

Achromatopsia

215, 215, 215

Achromatomaly

230, 208, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 197, 206 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, 197, 206) looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 206)  
}
```

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, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 206) }
```

Border

The CSS property to change the border of an element to RYB 255, 197, 206 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, 197, 206) }
```

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

```
.border{ border-color:rgb(255, 197, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 255, 197, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 206) }
```

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

```
.background{ background-color: rgb(255,  
197, 206) }
```

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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