

Converting Colors

`RYB(255, 206, 206)`

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

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Color

RYB(255, 206, 206)

Conversions

Conversions Part 1

Format	Color
Hex	FFCECE
RGB	255, 206, 206
RGB Percent	100%, 81%, 81%
CMY	0.0000, 0.1922, 0.1922
CMYK	0.00, 0.19, 0.19, 0.00
HSL	0°, 100%, 90%
HSV	0°, 19%, 100%
XYZ	74.4519, 69.8588, 67.9526
YIQ	220.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

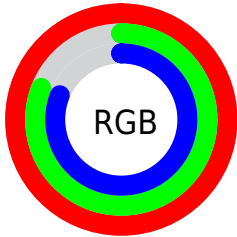
Format	Color
R _Y B	255, 206, 206
Decimal	16764622
CIE Lab	86.93, 17.26, 6.55
CIE LCh	87, 18.456, 20.777
Yxy	69.8588, 0.3508, 0.3291
Android (android.graphics.Color)	4294954702 (0xFFFFCECE)
YUV	220.6510, -7.2229, 30.1241
Hunter-Lab	83.5816, 12.7344, 10.3038

Details

The RYB color **255, 206, 206** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 231, 255**, and the grayscale version is **221, 221, 221**.

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

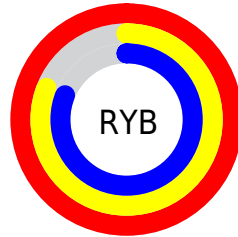
Distribution



Red (100%)

Green (81%)

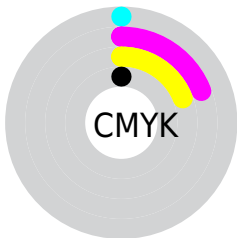
Blue (81%)



Red (100%)

Yellow (81%)

Blue (81%)

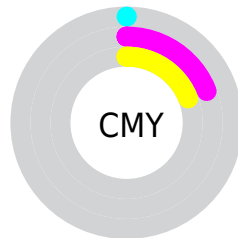


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

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


 255, 206, 206

 255, 206, 206

255, 255, 255


 226, 178, 179

 198, 152, 152


 170, 126, 126

 143, 100, 101

 117, 76, 77

 91, 53, 54


 67, 31, 33

 44, 10, 10

 10, 0, 0

 255, 206, 206

 255, 206, 206


 255, 180, 180

 255, 232, 232

 255, 155, 155

255, 255, 255

 255, 130, 130

 255, 104, 104

 255, 79, 79

 255, 53, 53

 255, 27, 27

 255, 2, 2

 255, 0, 0

Harmonies

Analogous

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



250, 206, 224



255, 206, 206



250, 217, 191

Triad

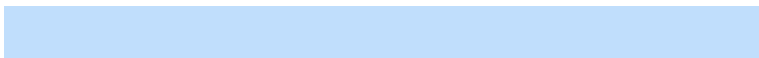
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 206, 206



195, 225, 222



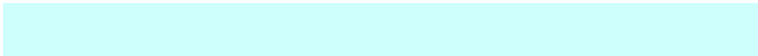
192, 212, 252

Complementary

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



255, 206, 206



206, 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.



176, 204, 244



255, 206, 206



181, 210, 228

Square

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



255, 206, 206



185, 220, 186



172, 200, 229



214, 215, 250

Rectangle

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



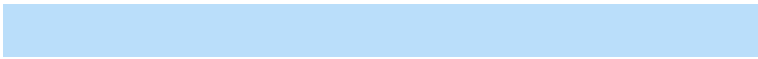
255, 206, 206



242, 240, 185



172, 200, 229



186, 209, 250

Sweetspot

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



255, 206, 206



255, 240, 240



255, 206, 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, 206, 206



255, 196, 196



253, 255, 206



128, 115, 115



191, 0, 0



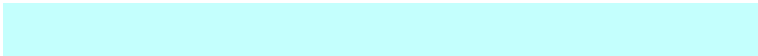
64, 0, 0

Inverse Universe

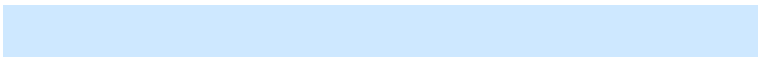
The Inverse Universe completely reimagines the original color for something new.



206, 231, 255



196, 226, 255



206, 223, 255



115, 122, 128



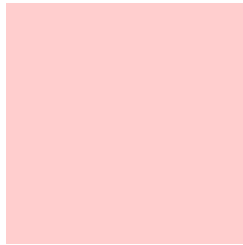
0, 96, 191



0, 32, 64

Previews

White Background



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

Color Contrast Check

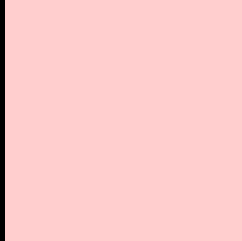
Large Text (above 18pt) WCAG AA × Fail

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, 206, 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](#).

R/YB 255, 206, 206 Background



This preview shows how black text looks on a background with the R/YB color 255, 206, 206.

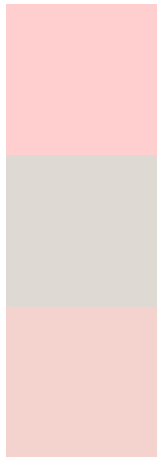


This preview shows how white text looks on a background with the R/YB color 255, 206, 206.

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, 206, 206

Protanopia
223, 221, 212

Deuteranopia
244, 211, 205



Tritanopia
255, 205, 220

Trichromacy



Original Color

255, 206, 206

Protanomaly

235, 213, 210

Deuteranomaly

248, 209, 205

Tritanomaly

255, 205, 215

Monochromacy



Original Color

255, 206, 206

Achromatopsia

221, 221, 221

Achromatomaly

233, 216, 216

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(255, 206, 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, 206, 206) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(255, 206, 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, 206, 206)` colored shadow looks like.

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

Background

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

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

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