

Converting Colors

`RYB(255, 208, 207)`

Have a look what the booklet for
RYB(255, 208, 207) contains.

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Color

R_YB(255, 208, 207)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0CF
RGB	255, 208, 207
RGB Percent	100%, 82%, 81%
CMY	0.0000, 0.1844, 0.1882
CMYK	0.00, 0.18, 0.19, 0.00
HSL	1°, 100%, 91%
HSV	1°, 19%, 100%
XYZ	75.0534, 70.8668, 68.7544
YIQ	221.9390, 28.3330, 9.6530

Conversions

Conversions Part 2

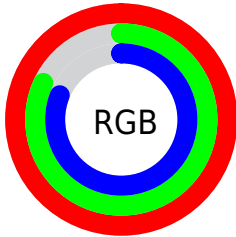
Format	Color
R_{YB}	255, 208, 207
Decimal	16765135
CIE _{Lab}	87.42, 16.37, 6.73
CIE _{LCh}	87, 17.699, 22.338
Yxy	70.8668, 0.3496, 0.3301
Android (android.graphics.Color)	4294955215 (0xFFFFD0CF)
YUV	221.9390, -7.3649, 28.9945
Hunter-Lab	84.1824, 11.8236, 10.5037

Details

The RYB color **255, 208, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **207, 231, 255**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 153, 153** is the 20% darker color. If you saturate the color by 10%, you get **255, 183, 181**, and if you desaturate by 10%, it is **255, 233, 233**.

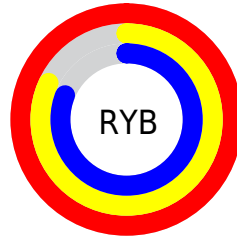
Distribution



Red (100%)

Green (82%)

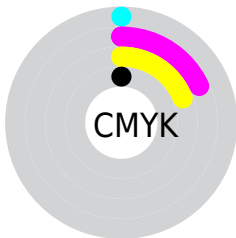
Blue (81%)



Red (100%)

Yellow (82%)

Blue (81%)

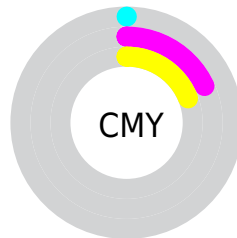


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 208, 207 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, 208, 207 by changing the saturation by 10% instead.


 255, 208, 207

255, 255, 255

 255, 208, 207


 226, 180, 179

 198, 153, 153

 170, 127, 127

 143, 102, 102

 117, 78, 78

 91, 55, 55


 67, 33, 34

 44, 12, 11

 13, 0, 0

 255, 208, 207


 255, 208, 207

 255, 183, 181

 255, 233, 233

 255, 158, 156

255, 255, 255

 255, 133, 131

 255, 108, 105

 255, 83, 80

 255, 58, 54

 255, 33, 28

 255, 8, 3

 255, 5, 0

Harmonies

Analogous

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



251, 208, 224



255, 208, 207



250, 219, 193

Triad

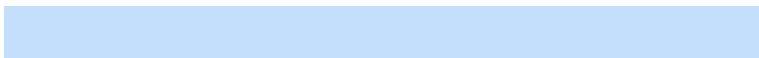
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 208, 207



198, 226, 224



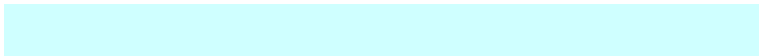
196, 214, 252

Complementary

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



255, 208, 207



207, 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.



180, 207, 245



255, 208, 207



183, 210, 229

Square

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



255, 208, 207



188, 222, 191



176, 203, 231



217, 216, 250

Rectangle

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



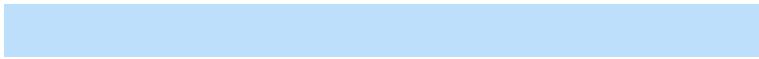
255, 208, 207



240, 242, 187



176, 203, 231



189, 211, 251

Sweetspot

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



255, 208, 207



255, 240, 240



255, 207, 254



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

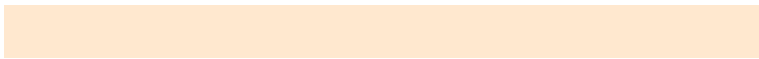
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 208, 207



255, 198, 196



251, 255, 207



128, 115, 115



191, 4, 0



64, 1, 0

Inverse Universe

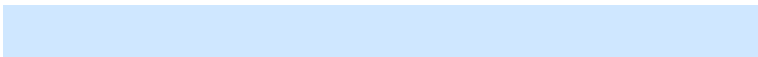
The Inverse Universe completely reimagines the original color for something new.



207, 231, 255



196, 225, 255



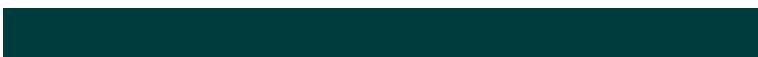
207, 223, 255



115, 121, 128



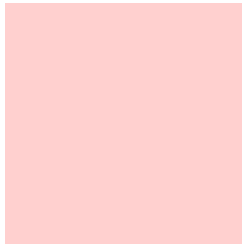
0, 94, 191



0, 31, 64

Previews

White Background



This preview shows how the RYB color 255, 208, 207 looks on a white background.

Color Contrast Check

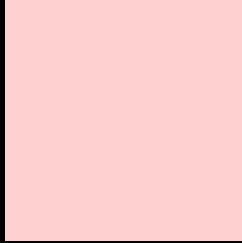
Large Text (above 18pt) WCAG AA × Fail

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, 208, 207 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, 208, 207 Background



This preview shows how black text looks on a background with the RGB color 255, 208, 207.

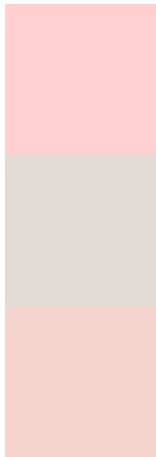


This preview shows how white text looks on a background with the RGB color 255, 208, 207.

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, 208, 207

Protanopia
225, 222, 213

Deuteranopia
245, 213, 206



Tritanopia
255, 206, 222

Trichromacy



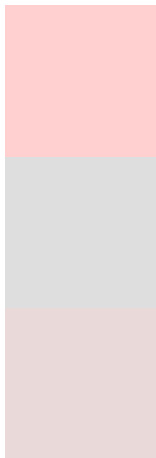
Original Color
255, 208, 207

Protanomaly
236, 214, 211

Deuteranomaly
249, 212, 206

Tritanomaly
255, 207, 217

Monochromacy



Original Color
255, 208, 207

Achromatopsia
222, 222, 222

Achromatomaly
234, 217, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 208, 207 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, 208, 207) looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 207)  
}
```

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, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 207) }
```

Border

The CSS property to change the border of an element to RYB 255, 208, 207 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, 208, 207) }
```

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

```
.border{ border-color:rgb(255, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 255, 208, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 207) }
```

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

```
.background{ background-color: rgb(255,  
208, 207) }
```

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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