

Converting Colors

`RYB(248, 207, 207)`

Have a look what the booklet for RYB(248, 207, 207) contains.

| | |
|--|----|
| RYB(248, 207, 207) | 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

R_YB(248, 207, 207)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F8CFCF |
| RGB | 248, 207, 207 |
| RGB Percent | 97%, 81%, 81% |
| CMY | 0.0275, 0.1882, 0.1882 |
| CMYK | 0.00, 0.17, 0.17, 0.03 |
| HSL | 0°, 75%, 89% |
| HSV | 0°, 17%, 97% |
| XYZ | 72.2867, 69.0871, 68.5567 |
| YIQ | 219.2590, 24.4360, 8.6920 |

Conversions

Conversions Part 2

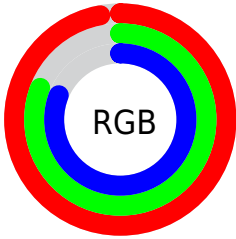
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 248, 207, 207 |
| Decimal | 16306127 |
| CIE Lab | 86.55, 14.38, 5.39 |
| CIE LCh | 87, 15.359, 20.528 |
| Yxy | 69.0871, 0.3443, 0.3291 |
| Android (android.graphics.Color) | 4294496207 (0xFFFF8CFCF) |
| YUV | 219.2590, -6.0437, 25.2059 |
| Hunter-Lab | 83.1187, 9.7804, 9.2803 |

Details

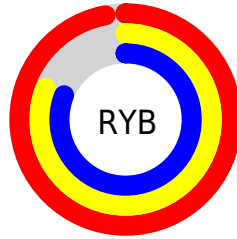
The RYB color **248, 207, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **207, 228, 248**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 153, 153** is the 20% darker color. If you saturate the color by 10%, you get **248, 182, 182**, and if you desaturate by 10%, it is **248, 232, 232**.

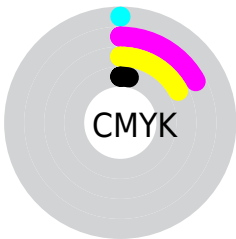
Distribution



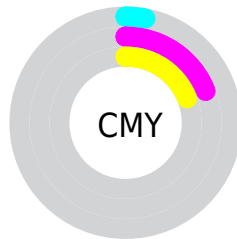
- Red (97%)
- Green (81%)
- Blue (81%)



- Red (97%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 207, 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 248, 207, 207 by changing the saturation by 10% instead.

 248, 207, 207

 248, 207, 207


255, 255, 255

 219, 179, 179

 191, 153, 153


 164, 127, 127

 137, 101, 102

 111, 77, 78

 86, 54, 55

 62, 33, 34

 40, 12, 11

 0, 0, 0

 248, 207, 207

 248, 207, 207


 248, 182, 182

 248, 232, 232

 248, 157, 157

 248, 252, 255

 248, 133, 133

 248, 108, 108

 248, 83, 83

 248, 58, 58

 248, 33, 33

 248, 9, 9

 248, 0, 0

Harmonies

Analogous

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



244, 207, 222



248, 207, 207



244, 217, 195

Triad

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



248, 207, 207



198, 223, 220



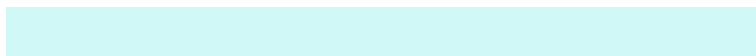
196, 212, 245

Complementary

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



248, 207, 207



207, 228, 248

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.



183, 206, 239



248, 207, 207



187, 210, 225

Square

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



248, 207, 207



189, 219, 190



180, 203, 226



214, 214, 244

Rectangle

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



248, 207, 207



237, 231, 190



180, 203, 226



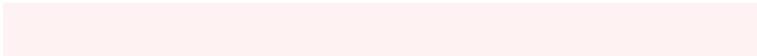
190, 210, 244

Sweetspot

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



248, 207, 207



255, 242, 242



248, 207, 248



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

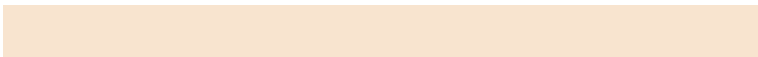
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 207, 207



255, 204, 204



246, 248, 207



125, 112, 112



189, 0, 0



61, 0, 0

Inverse Universe

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



207, 228, 248



204, 230, 255



207, 221, 248



112, 119, 125



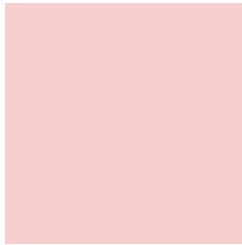
0, 95, 189



0, 31, 61

Previews

White Background



This preview shows how the RYB color 248, 207, 207 looks on a white background.

Color Contrast Check

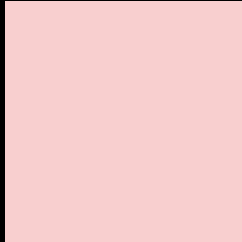
Large Text (above 18pt) WCAG AA × Fail

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 248, 207, 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

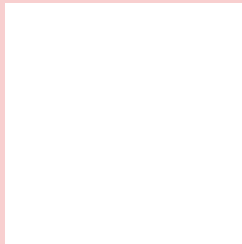
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 248, 207, 207 Background



This preview shows how black text looks on a background with the RYB color 248, 207, 207.

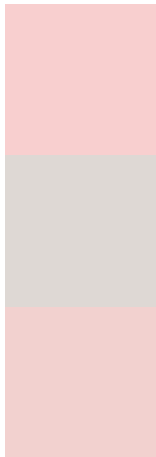


This preview shows how white text looks on a background with the RYB color 248, 207, 207.

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
248, 207, 207

Protanopia
222, 219, 212

Deuteranopia
242, 209, 207



Tritanopia
250, 205, 221

Trichromacy



Original Color

248, 207, 207

Protanomaly

231, 214, 210

Deuteranomaly

244, 208, 207

Tritanomaly

249, 206, 216

Monochromacy



Original Color

248, 207, 207

Achromatopsia

219, 219, 219

Achromatomaly

230, 215, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 207, 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(248, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(248, 207, 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(248, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 207, 207) }
```

Border

The CSS property to change the border of an element to RYB 248, 207, 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(248, 207, 207) }
```

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

```
.border{ border-color:rgb(248, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(248, 207,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 248, 207, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 207, 207) }
```

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

```
.background{ background-color: rgb(248,  
207, 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](#).

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