

Converting Colors

`RYB(248, 197, 213)`

Have a look what the booklet for
RYB(248, 197, 213) contains.

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Color

R_YB(248, 197, 213)

Conversions

Conversions Part 1

Format	Color
Hex	F8C5D5
RGB	248, 197, 213
RGB Percent	97%, 77%, 84%
CMY	0.0275, 0.2275, 0.1647
CMYK	0.00, 0.21, 0.14, 0.03
HSL	341°, 78%, 87%
HSV	341°, 21%, 97%
XYZ	70.6879, 64.6931, 71.7121
YIQ	214.0730, 25.2600, 15.7880

Conversions

Conversions Part 2

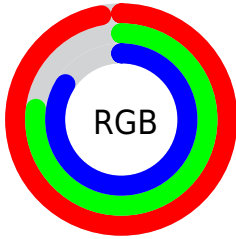
Format	Color
R _Y B	248, 197, 213
Decimal	16303573
CIE Lab	84.33, 20.57, -1.04
CIE LCh	84, 20.597, 357.119
Yxy	64.6931, 0.3413, 0.3124
Android (android.graphics.Color)	4294493653 (0xFFF8C5D5)
YUV	214.0730, -0.5290, 29.7540
Hunter-Lab	80.4320, 16.1192, 3.4402

Details

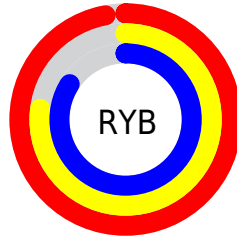
The RYB color **248, 197, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **197, 227, 248**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 254, 255**, and **191, 143, 158** is the 20% darker color. If you saturate the color by 10%, you get **248, 172, 196**, and if you desaturate by 10%, it is **248, 222, 230**.

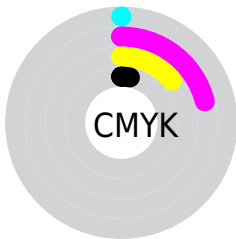
Distribution



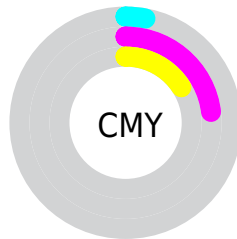
- Red (97%)
- Green (77%)
- Blue (84%)



- Red (97%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 197, 213 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, 197, 213 by changing the saturation by 10% instead.


 248, 197, 213

 248, 197, 213

255, 255, 255


 219, 170, 185

255, 254, 255

 191, 143, 158

 164, 117, 132

 137, 92, 107

 111, 68, 83

 86, 45, 60

 62, 24, 38

 40, 0, 18

 0, 0, 0

 248, 197, 213

 248, 197, 213

 248, 172, 196


 248, 222, 230


 248, 147, 179


 248, 247, 247

 248, 123, 162

 248, 252, 255

 248, 98, 145

 248, 73, 128

 248, 48, 111

 248, 23, 94

 248, 0, 78

Harmonies

Analogous

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



234, 200, 232



248, 197, 213



251, 198, 194

Triad

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



248, 197, 213



176, 215, 185



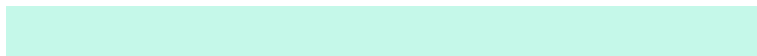
166, 197, 242

Complementary

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



248, 197, 213



197, 227, 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.



158, 191, 227



248, 197, 213



184, 215, 219

Square

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



248, 197, 213



203, 228, 172



166, 198, 222



186, 205, 249

Rectangle

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



248, 197, 213



247, 206, 183



166, 198, 222



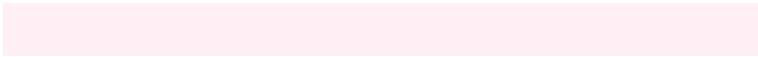
162, 195, 238

Sweetspot

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



248, 197, 213



255, 240, 245



232, 197, 248



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

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



248, 197, 213



255, 191, 211



248, 208, 197



125, 112, 116



189, 0, 59



61, 0, 19

Inverse Universe

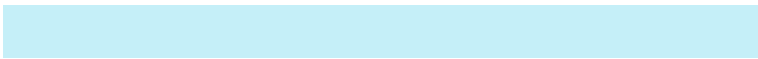
The Inverse Universe completely reimagines the original color for something new.



248, 197, 213



255, 191, 211



197, 220, 248



125, 112, 116



189, 0, 59



61, 0, 19

Previews

White Background



This preview shows how the RYB color 248, 197, 213 looks on a white background.

Color Contrast Check

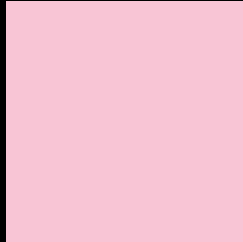
Large Text (above 18pt) WCAG AA × Fail

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, 197, 213 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, 197, 213 Background



This preview shows how black text looks on a background with the RYB color 248, 197, 213.



This preview shows how white text looks on a background with the RYB color 248, 197, 213.

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, 197, 213

Protanopia
212, 209, 220

Deuteranopia
230, 204, 212



Tritanopia
248, 197, 212

Trichromacy



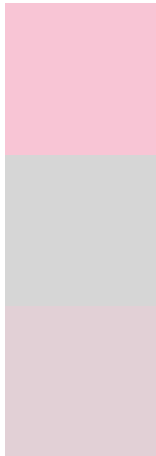
Original Color
248, 197, 213

Protanomaly
225, 205, 217

Deuteranomaly
237, 201, 212

Tritanomaly
248, 197, 212

Monochromacy



Original Color
248, 197, 213

Achromatopsia
214, 214, 214

Achromatomaly
226, 208, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 197, 213 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, 197, 213) looks like.

```
.text, #text, p{  
    color:rgb(248, 197, 213)  
}
```

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, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 197, 213) }
```

Border

The CSS property to change the border of an element to RYB 248, 197, 213 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, 197, 213) }
```

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

```
.border{ border-color:rgb(248, 197, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(248, 197,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 248, 197, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 197, 213) }
```

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

```
.background{ background-color: rgb(248,  
197, 213) }
```

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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