

Converting Colors

`RYB(254, 188, 221)`

Have a look what the booklet for
RYB(254, 188, 221) contains.

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Color

R_YB(254, 188, 221)

Conversions

Conversions Part 1

Format	Color
Hex	FEBCDD
RGB	254, 188, 221
RGB Percent	100%, 74%, 87%
CMY	0.0039, 0.2627, 0.1333
CMYK	0.00, 0.26, 0.13, 0.00
HSL	330°, 97%, 87%
HSV	330°, 26%, 100%
XYZ	71.9074, 62.2577, 76.6336
YIQ	211.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

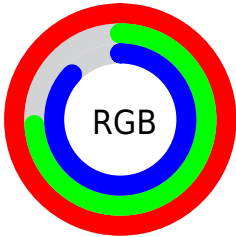
Format	Color
R_{YB}	254, 188, 221
Decimal	16694493
CIE Lab	83.05, 28.66, -7.13
CIE LCh	83, 29.530, 346.035
Yxy	62.2577, 0.3411, 0.2953
Android (android.graphics.Color)	4294884573 (0xFFFEBCDD)
YUV	211.4960, 4.6855, 37.2760
Hunter-Lab	78.9036, 24.5917, -2.3518

Details

The RYB color **254, 188, 221** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **188, 232, 254**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 245, 255**, and **197, 134, 166** is the 20% darker color. If you saturate the color by 10%, you get **254, 163, 208**, and if you desaturate by 10%, it is **254, 213, 234**.

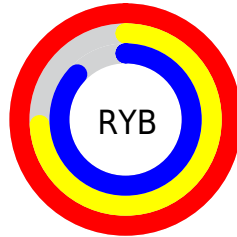
Distribution



Red (100%)

Green (74%)

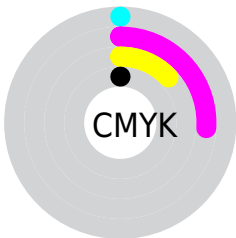
Blue (87%)



Red (100%)

Yellow (74%)

Blue (87%)

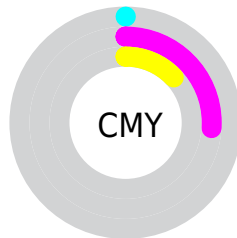


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 254, 188, 221 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 254, 188, 221 by changing the saturation by 10% instead.

 254, 188, 221

255, 255, 255

 255, 245, 255


 254, 188, 221

 225, 161, 193


 197, 134, 166

 169, 108, 140

 142, 83, 114

 115, 59, 90

 90, 36, 66

 65, 12, 44

 43, 0, 24

 0, 0, 0

■ 254, 188, 221

■ 254, 188, 221

■ 254, 163, 208

■ 254, 213, 234

■ 254, 137, 196

■ 254, 239, 246

■ 254, 112, 183

254, 255, 255

■ 254, 86, 170

■ 254, 61, 158

■ 254, 36, 145

■ 254, 10, 132

■ 254, 0, 127

Harmonies

Analogous

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



229, 195, 246



254, 188, 221



255, 187, 193

Triad

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



254, 188, 221



155, 212, 153



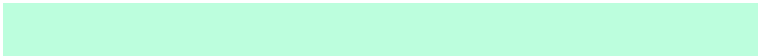
128, 180, 246

Complementary

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



254, 188, 221



188, 232, 254

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.



128, 175, 222



254, 188, 221



168, 217, 205

Square

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



254, 188, 221



221, 239, 153



149, 195, 222



155, 192, 255

Rectangle

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



254, 188, 221



255, 193, 175



149, 195, 222



125, 177, 238

Sweetspot

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



254, 188, 221



255, 235, 245



221, 188, 254



128, 115, 121



0, 0, 0



128, 128, 128

Same Dimension

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



254, 188, 221



255, 176, 215



254, 188, 188



128, 115, 121



191, 0, 96



64, 0, 32

Inverse Universe

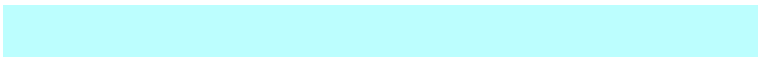
The Inverse Universe completely reimagines the original color for something new.



254, 188, 221



255, 176, 215



188, 221, 254



128, 115, 121



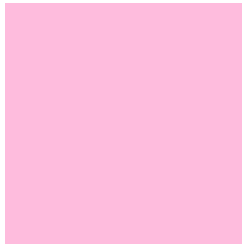
191, 0, 96



64, 0, 32

Previews

White Background



This preview shows how the RYB color 254, 188, 221 looks on a white background.

Color Contrast Check

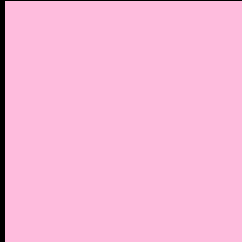
Large Text (above 18pt) WCAG AA × Fail

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 254, 188, 221 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 254, 188, 221 Background



This preview shows how black text looks on a background with the RYB color 254, 188, 221.



This preview shows how white text looks on a background with the RYB color 254, 188, 221.

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
254, 188, 221

Protanopia
204, 206, 232

Deuteranopia
222, 201, 219



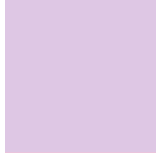
Tritanopia
252, 191, 205

Trichromacy



Original Color

254, 188, 221



Protanomaly

222, 199, 228



Deuteranomaly

234, 196, 220



Tritanomaly

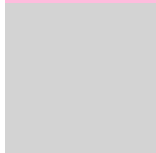
253, 190, 211

Monochromacy



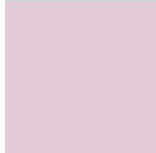
Original Color

254, 188, 221



Achromatopsia

211, 211, 211



Achromatomaly

227, 203, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 188, 221 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(254, 188, 221) looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 221)  
}
```

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(254, 188, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 221) }
```

Border

The CSS property to change the border of an element to RYB 254, 188, 221 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(254, 188, 221) }
```

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

```
.border{ border-color:rgb(254, 188, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 188, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 221);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 254, 188, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 221) }
```

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

```
.background{ background-color: rgb(254,  
188, 221) }
```

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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