

Converting Colors

`RYB(254, 205, 248)`

Have a look what the booklet for
RYB(254, 205, 248) contains.

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Color

R_YB(254, 205, 248)

Conversions

Conversions Part 1

Format	Color
Hex	FECDF8
RGB	254, 205, 248
RGB Percent	100%, 80%, 97%
CMY	0.0039, 0.1961, 0.0275
CMYK	0.00, 0.19, 0.02, 0.00
HSL	307°, 96%, 90%
HSV	307°, 19%, 100%
XYZ	79.6476, 71.5108, 98.4120
YIQ	224.5530, 15.4010, 23.7610

Conversions

Conversions Part 2

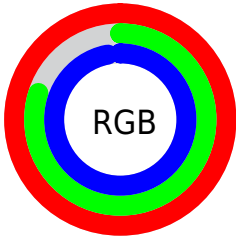
Format	Color
RYB	254, 205, 248
Decimal	16698872
CIELab	87.73, 24.27, -14.52
CIElCh	88, 28.281, 329.103
Yxy	71.5108, 0.3191, 0.2865
Android (android.graphics.Color)	4294888952 (0xFFFECD8)
YUV	224.5530, 11.5594, 25.8250
Hunter-Lab	84.5640, 20.1352, -9.8043

Details

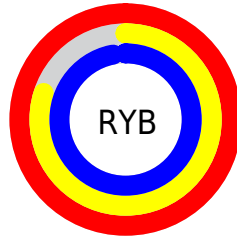
The RYB color **254, 205, 248** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **205, 249, 254**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 150, 192** is the 20% darker color. If you saturate the color by 10%, you get **254, 180, 245**, and if you desaturate by 10%, it is **254, 230, 251**.

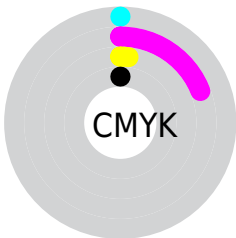
Distribution



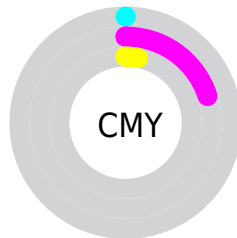
- Red (100%)
- Green (80%)
- Blue (97%)



- Red (100%)
- Yellow (80%)
- Blue (97%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 205, 248 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, 205, 248 by changing the saturation by 10% instead.

 254, 205, 248


255, 255, 255

 254, 205, 248


 225, 177, 219

 197, 150, 192

 169, 124, 164

 143, 99, 138

 117, 75, 113

 91, 51, 88

 67, 29, 65

 44, 7, 42

 22, 0, 22

■ 254, 205, 248

■ 254, 205, 248

■ 254, 180, 245

■ 254, 230, 251

■ 254, 154, 242

254, 255, 255

■ 254, 129, 239

254, 255, 255

■ 254, 103, 236

■ 254, 78, 232

■ 254, 53, 229

■ 254, 27, 226

■ 254, 2, 223

■ 254, 0, 223

Harmonies

Analogous

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



223, 213, 255



254, 205, 248



255, 201, 222

Triad

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



254, 205, 248



199, 241, 166



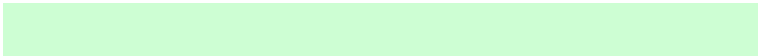
143, 191, 245

Complementary

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



254, 205, 248



205, 249, 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.



155, 200, 235



254, 205, 248



173, 226, 187

Square

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



254, 205, 248



255, 234, 175



181, 223, 232



155, 198, 255

Rectangle

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



254, 205, 248



255, 201, 204



181, 223, 232



144, 190, 237

Sweetspot

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



254, 205, 248



255, 240, 253



211, 205, 254



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



254, 205, 248



255, 196, 248



254, 205, 224



128, 115, 126



191, 0, 168



64, 0, 56

Inverse Universe

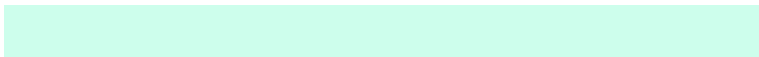
The Inverse Universe completely reimagines the original color for something new.



254, 205, 248



255, 196, 248



205, 235, 254



128, 115, 126



191, 0, 168



64, 0, 56

Previews

White Background



This preview shows how the RYB color 254, 205, 248 looks on a white background.

Color Contrast Check

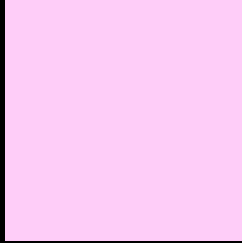
Large Text (above 18pt) WCAG AA × Fail

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, 205, 248 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, 205, 248 Background



This preview shows how black text looks on a background with the RYB color 254, 205, 248.



This preview shows how white text looks on a background with the RYB color 254, 205, 248.

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, 205, 248

Protanopia
213, 217, 255

Deuteranopia
229, 214, 246



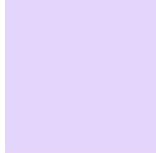
Tritanopia
251, 209, 225

Trichromacy



Original Color

254, 205, 248



Protanomaly

228, 213, 252



Deuteranomaly

238, 211, 247



Tritanomaly

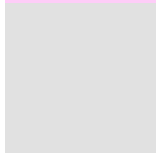
252, 208, 233

Monochromacy



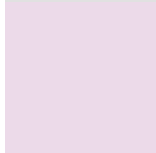
Original Color

254, 205, 248



Achromatopsia

225, 225, 225



Achromatomaly

236, 218, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 205, 248 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, 205, 248) looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 248)  
}
```

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, 205, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 248) }
```

Border

The CSS property to change the border of an element to RYB 254, 205, 248 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, 205, 248) }
```

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

```
.border{ border-color:rgb(254, 205, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 248);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 254, 205, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 248) }
```

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

```
.background{ background-color: rgb(254,  
205, 248) }
```

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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