

# Converting Colors

`RYB(245, 208, 237)`

Have a look what the booklet for  
RYB(245, 208, 237) contains.

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# Color

**R<sub>Y</sub>B(245, 208, 237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D0ED
RGB	245, 208, 237
RGB Percent	96%, 82%, 93%
CMY	0.0392, 0.1843, 0.0706
CMYK	0.00, 0.15, 0.03, 0.04
HSL	313°, 65%, 89%
HSV	313°, 15%, 96%
XYZ	75.4981, 70.6387, 89.7762
YIQ	222.3690, 12.7430, 16.8630

# Conversions

## Conversions Part 2

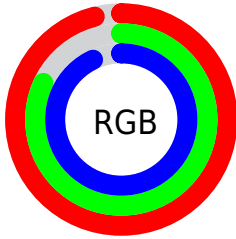
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 208, 237
Decimal	16109805
CIE Lab	87.31, 17.76, -9.42
CIE LCh	87, 20.105, 332.054
Yxy	70.6387, 0.3200, 0.2994
Android (android.graphics.Color)	4294299885 (0xFFF5D0ED)
YUV	222.3690, 7.2131, 19.8474
Hunter-Lab	84.0468, 13.2623, -4.4990

# Details

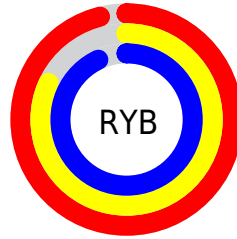
The RYB color **245, 208, 237** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208, 238, 245**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 153, 181** is the 20% darker color. If you saturate the color by 10%, you get **245, 183, 232**, and if you desaturate by 10%, it is **245, 233, 242**.

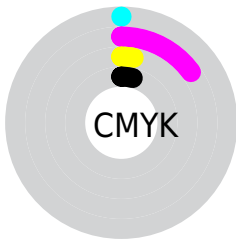
# Distribution



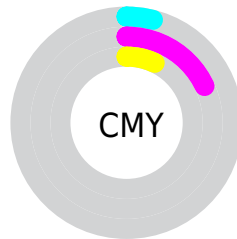
- Red (96%)
- Green (82%)
- Blue (93%)



- Red (96%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 245, 208, 237 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 245, 208, 237 by changing the saturation by 10% instead.



 245, 208, 237

255, 255, 255

 245, 208, 237

 216, 180, 209


 189, 153, 181


 161, 127, 154

 135, 102, 128

 109, 78, 103

 85, 55, 79


 61, 33, 56

 39, 12, 35

 11, 0, 12

 245, 208, 237

 245, 208, 237

 245, 183, 232

 245, 233, 242

 245, 159, 226


 245, 253, 255


 245, 134, 221


 245, 251, 255


 245, 110, 216

 245, 250, 255

 245, 86, 211

 245, 61, 205

 245, 36, 200

 245, 12, 195

 245, 0, 192

# Harmonies

## Analogous

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



224, 213, 251



245, 208, 237



255, 206, 218

# Triad

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



245, 208, 237



202, 233, 181



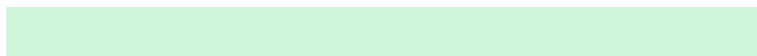
168, 201, 238

# Complementary

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



245, 208, 237



208, 238, 245

# 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.



173, 205, 230



245, 208, 237



186, 224, 199

# Square

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



245, 208, 237



249, 230, 186



190, 220, 228



178, 207, 252

# Rectangle

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



245, 208, 237



255, 206, 205



190, 220, 228



168, 199, 232



# Sweetspot

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



245, 208, 237



255, 242, 252



215, 208, 245



128, 120, 126



0, 0, 0



128, 128, 128



# Same Dimension

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



245, 208, 237



255, 209, 245



245, 208, 219



122, 110, 120



186, 0, 146



59, 0, 46



# Inverse Universe

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



245, 208, 237



255, 209, 245



208, 230, 245



122, 110, 120



186, 0, 146

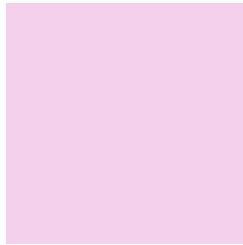


59, 0, 46



# Previews

## White Background



This preview shows how the RYB color 245, 208, 237 looks on a white background.

## Color Contrast Check

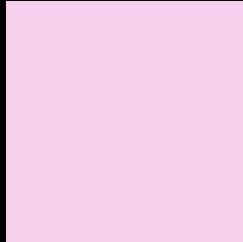
Large Text (above 18pt) WCAG AA × Fail

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 245, 208, 237 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 245, 208, 237 Background**



This preview shows how black text looks on a background with the RYB color 245, 208, 237.



This preview shows how white text looks on a background with the RYB color 245, 208, 237.

# 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**  
245, 208, 237

**Protanopia**  
216, 217, 243

**Deuteranopia**  
232, 213, 236



**Tritanopia**  
243, 210, 226

# Trichromacy



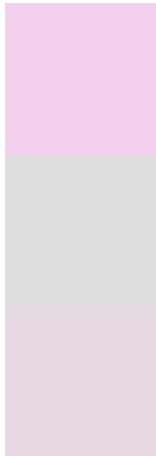
**Original Color**  
245, 208, 237

**Protanomaly**  
227, 214, 241

**Deuteranomaly**  
237, 211, 236

**Tritanomaly**  
244, 209, 230

# Monochromacy



**Original Color**  
245, 208, 237

**Achromatopsia**  
222, 222, 222

**Achromatomaly**  
230, 217, 227

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 245, 208, 237 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(245, 208, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 237)  
}
```

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(245, 208, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 237) }
```

## Border

The CSS property to change the border of an element to RYB 245, 208, 237 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(245, 208, 237) }
```

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

```
.border{ border-color:rgb(245, 208, 237) }
```

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

Here you see how a box with a 4 pixel rgb(245, 208, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
237) }
```

# Background

The CSS property to change the background color of an element to RYB 245, 208, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 237) }
```

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

```
.background{ background-color: rgb(245,  
208, 237) }
```

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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