

Converting Colors

`RYB(245, 213, 237)`

Have a look what the booklet for RYB(245, 213, 237) contains.

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Color

`RYB(245, 213, 237)`

Conversions

Conversions Part 1

Format	Color
Hex	F5D5ED
RGB	245, 213, 237
RGB Percent	96%, 84%, 93%
CMY	0.0392, 0.1647, 0.0706
CMYK	0.00, 0.13, 0.03, 0.04
HSL	315°, 62%, 90%
HSV	315°, 13%, 96%
XYZ	76.7365, 73.1154, 90.1890
YIQ	225.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

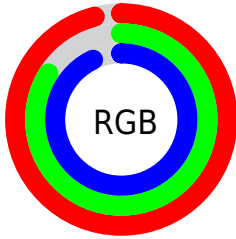
Format	Color
RYB	245, 213, 237
Decimal	16111085
CIELab	88.50, 15.13, -7.65
CIELCh	89, 16.958, 333.180
Yxy	73.1154, 0.3197, 0.3046
Android (android.graphics.Color)	4294301165 (0xFFF5D5ED)
YUV	225.3040, 5.7661, 17.2734
Hunter-Lab	85.5075, 10.5519, -2.6808

Details

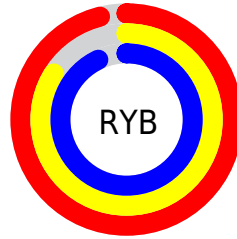
The RYB color **245, 213, 237** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 239, 245**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 158, 181** is the 20% darker color. If you saturate the color by 10%, you get **245, 189, 231**, and if you desaturate by 10%, it is **245, 238, 243**.

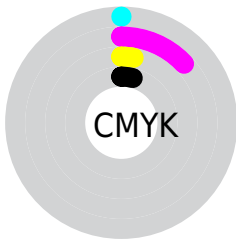
Distribution



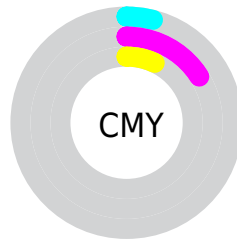
- Red (96%)
- Green (84%)
- Blue (93%)



- Red (96%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 213, 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, 213, 237 by changing the saturation by 10% instead.

 245, 213, 237

255, 255, 255


 245, 213, 237

 216, 185, 209


 189, 158, 181


 161, 132, 154

 135, 107, 128

 110, 82, 103

 85, 59, 79


 61, 37, 56

 39, 17, 35

 16, 0, 13

 245, 213, 237

 245, 213, 237

 245, 189, 231

 245, 238, 243

 245, 164, 225


 245, 252, 255

 245, 139, 219


 245, 250, 255

 245, 115, 213

 245, 91, 206

 245, 66, 200

 245, 42, 194

 245, 17, 188

 245, 0, 184

Harmonies

Analogous

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



227, 217, 249



245, 213, 237



255, 211, 221

Triad

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



245, 213, 237



205, 233, 190



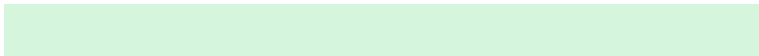
181, 208, 239

Complementary

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



245, 213, 237



213, 239, 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.



184, 210, 232



245, 213, 237



195, 227, 207

Square

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



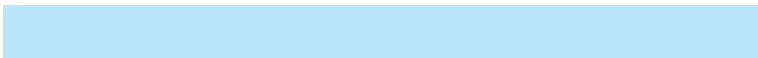
245, 213, 237



248, 231, 194



197, 222, 230



189, 213, 250

Rectangle

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



245, 213, 237



255, 212, 210



197, 222, 230



181, 207, 234

Sweetspot

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



245, 213, 237



255, 245, 252



221, 213, 245



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



245, 213, 237



255, 214, 245



245, 213, 221



122, 110, 119



186, 0, 140



59, 0, 44

Inverse Universe

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



245, 213, 237



255, 214, 245



213, 231, 245



122, 110, 119



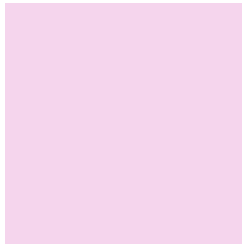
186, 0, 140



59, 0, 44

Previews

White Background



This preview shows how the RYB color 245, 213, 237 looks on a white background.

Color Contrast Check

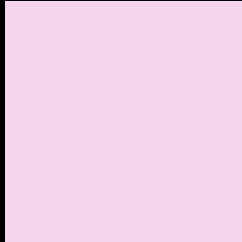
Large Text (above 18pt) WCAG AA × Fail

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, 213, 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, 213, 237 Background



This preview shows how black text looks on a background with the RYB color 245, 213, 237.



This preview shows how white text looks on a background with the RYB color 245, 213, 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, 213, 237

Protanopia
221, 221, 242

Deuteranopia
237, 216, 236



Tritanopia
244, 214, 231

Trichromacy



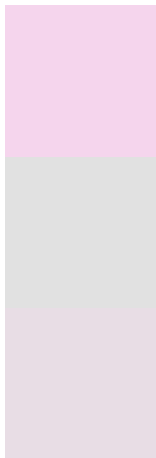
Original Color
245, 213, 237

Protanomaly
230, 218, 240

Deuteranomaly
240, 215, 236

Tritanomaly
244, 214, 233

Monochromacy



Original Color
245, 213, 237

Achromatopsia
225, 225, 225

Achromatomaly
232, 221, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 213, 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, 213, 237) looks like.

```
.text, #text, p{  
  color:rgb(245, 213, 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, 213, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 237) }
```

Border

The CSS property to change the border of an element to RYB 245, 213, 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, 213, 237) }
```

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

```
.border{ border-color:rgb(245, 213, 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, 213, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 245, 213, 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, 213, 237) }
```

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

```
.background{ background-color: rgb(245,  
213, 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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