

Converting Colors

`RYB(246, 211, 235)`

Have a look what the booklet for RYB(246, 211, 235) contains.

RYB(246, 211, 235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(246, 211, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F6D3EB
RGB	246, 211, 235
RGB Percent	96%, 83%, 92%
CMY	0.0353, 0.1725, 0.0784
CMYK	0.00, 0.14, 0.04, 0.04
HSL	319°, 66%, 90%
HSV	319°, 14%, 96%
XYZ	76.2957, 72.1795, 88.5081
YIQ	224.2010, 13.1560, 14.8840

Conversions

Conversions Part 2

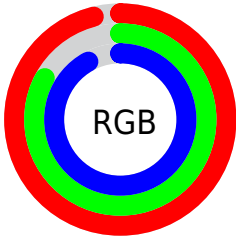
Format	Color
R _Y B	246, 211, 235
Decimal	16176107
CIE Lab	88.05, 16.17, -7.25
CIE LCh	88, 17.721, 335.854
Yxy	72.1795, 0.3219, 0.3046
Android (android.graphics.Color)	4294366187 (0xFFF6D3EB)
YUV	224.2010, 5.3239, 19.1177
Hunter-Lab	84.9585, 11.6217, -2.2962

Details

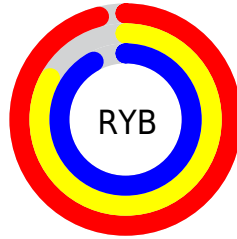
The RYB color **246, 211, 235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **211, 238, 246**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 156, 179** is the 20% darker color. If you saturate the color by 10%, you get **246, 186, 227**, and if you desaturate by 10%, it is **246, 236, 243**.

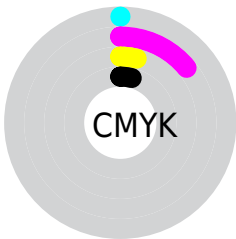
Distribution



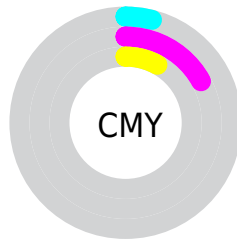
- Red (96%)
- Green (83%)
- Blue (92%)



- Red (96%)
- Yellow (83%)
- Blue (92%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 211, 235 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 246, 211, 235 by changing the saturation by 10% instead.

■ 246, 211, 235

255, 255, 255

■ 246, 211, 235

■ 217, 183, 207

■ 190, 156, 179

■ 162, 130, 153

■ 136, 105, 127

■ 110, 81, 102

■ 86, 57, 78

■ 62, 35, 55

■ 40, 15, 33

■ 15, 0, 10

 246, 211, 235

 246, 211, 235

 246, 186, 227

 246, 236, 243

 246, 162, 220


 246, 252, 255


 246, 137, 212


 246, 251, 255

 246, 113, 204

 246, 88, 196

 246, 63, 189

 246, 39, 181

 246, 14, 173

 246, 0, 169

Harmonies

Analogous

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



228, 215, 248



246, 211, 235



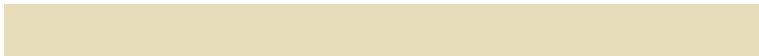
255, 209, 218

Triad

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



246, 211, 235



200, 231, 187



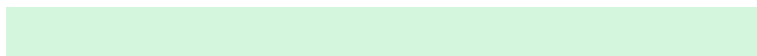
178, 206, 240

Complementary

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



246, 211, 235



211, 238, 246

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.



180, 207, 231



246, 211, 235



193, 226, 207

Square

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



246, 211, 235



247, 233, 191



193, 219, 229



188, 212, 251

Rectangle

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



246, 211, 235



255, 210, 207



193, 219, 229



177, 205, 235

Sweetspot

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



246, 211, 235



255, 245, 252



221, 211, 246



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



246, 211, 235



255, 212, 241



246, 211, 218



122, 110, 119



186, 0, 128



59, 0, 40

Inverse Universe

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



246, 211, 235



255, 212, 241



211, 230, 246



122, 110, 119



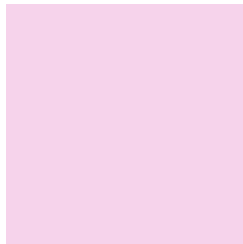
186, 0, 128



59, 0, 40

Previews

White Background



This preview shows how the RYB color 246, 211, 235 looks on a white background.

Color Contrast Check

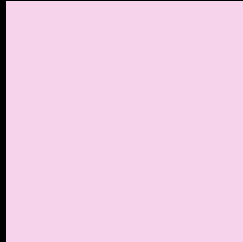
Large Text (above 18pt) WCAG AA × Fail

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 246, 211, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

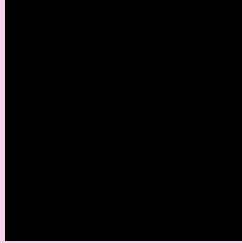
Any Text WCAG AA ✓ Pass

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 246, 211, 235 Background



This preview shows how black text looks on a background with the RYB color 246, 211, 235.



This preview shows how white text looks on a background with the RYB color 246, 211, 235.

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
246, 211, 235

Protanopia
219, 220, 240

Deuteranopia
236, 215, 234



Tritanopia
245, 212, 229

Trichromacy



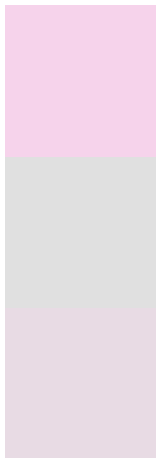
Original Color
246, 211, 235

Protanomaly
229, 217, 238

Deuteranomaly
240, 214, 234

Tritanomaly
245, 212, 231

Monochromacy



Original Color
246, 211, 235

Achromatopsia
224, 224, 224

Achromatomaly
232, 219, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 211, 235 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(246, 211, 235) looks like.

```
.text, #text, p{  
    color:rgb(246, 211, 235)  
}
```

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(246, 211, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 211, 235) }
```

Border

The CSS property to change the border of an element to RYB 246, 211, 235 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(246, 211, 235) }
```

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

```
.border{ border-color:rgb(246, 211, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 211, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 211, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 211, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 211,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 246, 211, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 211, 235) }
```

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

```
.background{ background-color: rgb(246,  
211, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor