

Converting Colors

`RYB(248, 216, 235)`

Have a look what the booklet for
RYB(248, 216, 235) contains.

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Color

R_YB(248, 216, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F8D8EB
RGB	248, 216, 235
RGB Percent	97%, 85%, 92%
CMY	0.0275, 0.1529, 0.0784
CMYK	0.00, 0.13, 0.05, 0.03
HSL	324°, 70%, 91%
HSV	324°, 13%, 97%
XYZ	78.2627, 75.0664, 88.9616
YIQ	227.7340, 12.9730, 12.6930

Conversions

Conversions Part 2

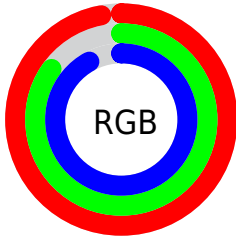
Format	Color
R _Y B	248, 216, 235
Decimal	16308459
CIE Lab	89.42, 14.23, -5.21
CIE LCh	89, 15.152, 339.901
Yxy	75.0664, 0.3230, 0.3098
Android (android.graphics.Color)	4294498539 (0xFFFF8D8EB)
YUV	227.7340, 3.5821, 17.7733
Hunter-Lab	86.6408, 9.6176, -0.2296

Details

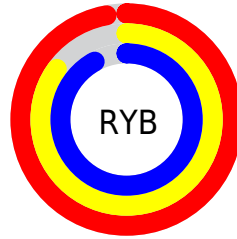
The RYB color **248, 216, 235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216, 239, 248**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 161, 179** is the 20% darker color. If you saturate the color by 10%, you get **248, 191, 225**, and if you desaturate by 10%, it is **248, 241, 245**.

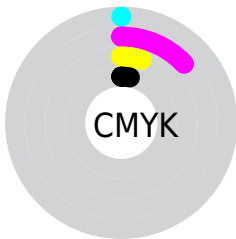
Distribution



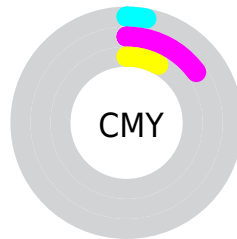
- Red (97%)
- Green (85%)
- Blue (92%)



- Red (97%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 216, 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 248, 216, 235 by changing the saturation by 10% instead.

248, 216, 235

255, 255, 255

248, 216, 235

219, 188, 207

191, 161, 179

164, 135, 153

138, 109, 127

112, 85, 102

87, 62, 78

64, 40, 55

41, 19, 34

22, 0, 11

 248, 216, 235

 248, 216, 235

 248, 191, 225


 248, 241, 245


 248, 166, 215

 248, 252, 255


 248, 142, 205

 248, 117, 195

 248, 92, 185

 248, 67, 175

 248, 42, 164

 248, 18, 154

 248, 0, 147

Harmonies

Analogous

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



234, 220, 247



248, 216, 235



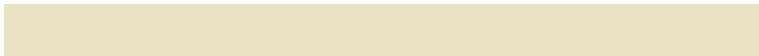
255, 215, 220

Triad

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



248, 216, 235



205, 232, 196



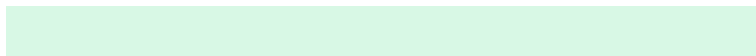
189, 213, 243

Complementary

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



248, 216, 235



216, 239, 248

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.



190, 213, 233



248, 216, 235



202, 230, 217

Square

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



248, 216, 235



246, 239, 198



199, 222, 232



199, 218, 251

Rectangle

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



248, 216, 235



255, 217, 211



199, 222, 232



188, 212, 239

Sweetspot

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



248, 216, 235



255, 245, 251



229, 216, 248



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

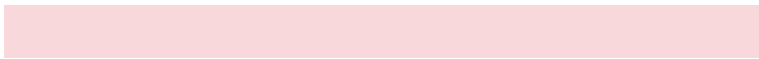
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 216, 235



255, 217, 239



248, 216, 219



125, 112, 120



189, 0, 112



61, 0, 36

Inverse Universe

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



248, 216, 235



255, 217, 239



216, 233, 248



125, 112, 120



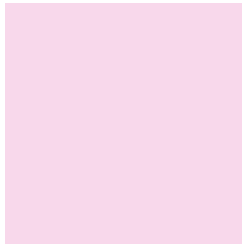
189, 0, 112



61, 0, 36

Previews

White Background



This preview shows how the RYB color 248, 216, 235 looks on a white background.

Color Contrast Check

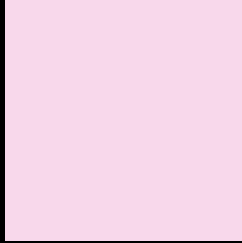
Large Text (above 18pt) WCAG AA × Fail

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 248, 216, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

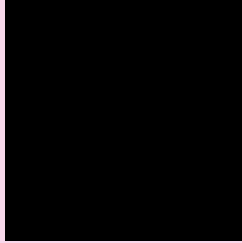
Any Text WCAG AA ✓ Pass

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 248, 216, 235 Background



This preview shows how black text looks on a background with the RYB color 248, 216, 235.



This preview shows how white text looks on a background with the RYB color 248, 216, 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
248, 216, 235

Protanopia
225, 224, 240

Deuteranopia
242, 218, 235



Tritanopia
248, 216, 233

Trichromacy



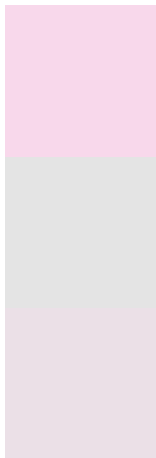
Original Color
248, 216, 235

Protanomaly
233, 221, 238

Deuteranomaly
244, 217, 235

Tritanomaly
248, 216, 234

Monochromacy



Original Color
248, 216, 235

Achromatopsia
228, 228, 228

Achromatomaly
235, 224, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 216, 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(248, 216, 235) looks like.

```
.text, #text, p{  
    color:rgb(248, 216, 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(248, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 216, 235) }
```

Border

The CSS property to change the border of an element to RYB 248, 216, 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(248, 216, 235) }
```

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

```
.border{ border-color:rgb(248, 216, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 216, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(248, 216,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 248, 216, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 216, 235) }
```

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

```
.background{ background-color: rgb(248,  
216, 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](#).

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