

Converting Colors

`RYB(248, 236, 211)`

Have a look what the booklet for
RYB(248, 236, 211) contains.

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Color

$\text{RYB}(248, 236, 211)$

Conversions

Conversions Part 1

Format	Color
Hex	F8E2D3
RGB	248, 226, 211
RGB Percent	97%, 89%, 83%
CMY	0.0275, 0.1140, 0.1725
CMYK	0.00, 0.09, 0.15, 0.03
HSL	24°, 73%, 90%
HSV	24°, 15%, 97%
XYZ	77.6437, 79.0085, 72.7859
YIQ	230.8680, 17.9270, -0.0010

Conversions

Conversions Part 2

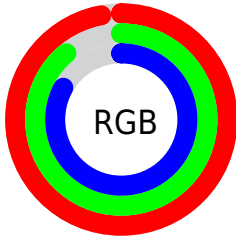
Format	Color
R _Y B	248, 236, 211
Decimal	16310995
CIE Lab	91.24, 5.17, 10.02
CIE LCh	91, 11.275, 62.702
Yxy	79.0085, 0.3384, 0.3444
Android (android.graphics.Color)	4294501075 (0xFFF8E2D3)
YUV	230.8680, -9.7949, 15.0248
Hunter-Lab	88.8867, 0.3703, 13.6704

Details

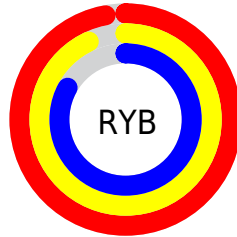
The RYB color **248, 236, 211** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **211, 225, 248**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 182, 156** is the 20% darker color. If you saturate the color by 10%, you get **248, 228, 186**, and if you desaturate by 10%, it is **248, 245, 236**.

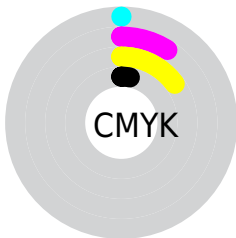
Distribution



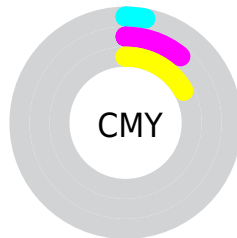
- Red (97%)
- Green (89%)
- Blue (83%)



- Red (97%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 236, 211 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, 236, 211 by changing the saturation by 10% instead.


 248, 236, 211

255, 255, 255

 248, 236, 211

 219, 209, 183

 191, 182, 156


 164, 154, 130

 138, 129, 105

 112, 103, 81

 87, 78, 58

 63, 58, 36

 41, 36, 16

 18, 0, 0

 248, 236, 211

 248, 236, 211

 248, 228, 186


 248, 245, 236


 248, 220, 161


 248, 252, 255


 248, 213, 137

 248, 204, 112

 248, 196, 87

 248, 188, 62

 248, 179, 37

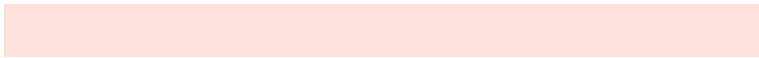
 248, 172, 13

 248, 168, 0

Harmonies

Analogous

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



253, 224, 219



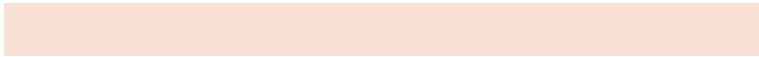
248, 236, 211



221, 238, 208

Triad

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



248, 236, 211



205, 222, 236



233, 227, 248

Complementary

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



248, 236, 211



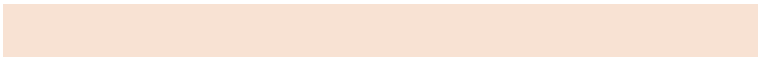
211, 225, 248

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.



220, 228, 251



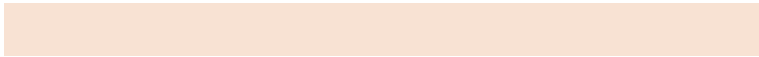
248, 236, 211



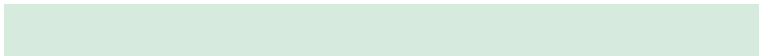
203, 221, 241

Square

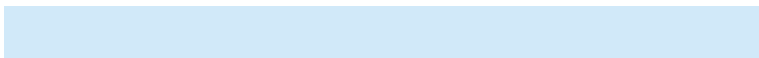
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 236, 211



214, 230, 235



209, 224, 249



245, 224, 240

Rectangle

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



248, 236, 211



210, 232, 212



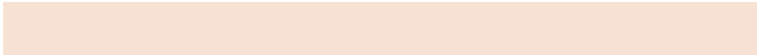
209, 224, 249



229, 228, 250

Sweetspot

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



248, 236, 211



255, 252, 245



248, 211, 233



128, 126, 121



0, 0, 0



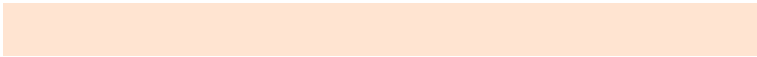
128, 128, 128

Same Dimension

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



248, 236, 211



255, 241, 209



215, 248, 211



125, 120, 112



189, 127, 0



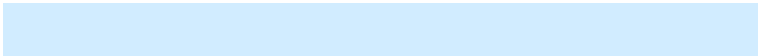
61, 42, 0

Inverse Universe

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



211, 225, 248



209, 226, 255



211, 215, 248



112, 117, 125



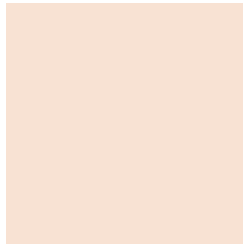
0, 71, 189



0, 23, 61

Previews

White Background



This preview shows how the RYB color 248, 236, 211 looks on a white background.

Color Contrast Check

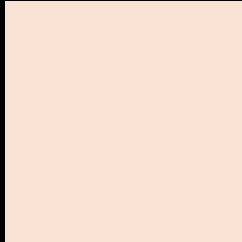
Large Text (above 18pt) WCAG AA × Fail

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, 236, 211 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

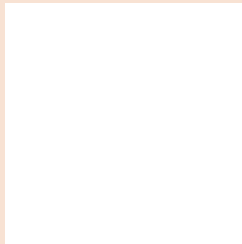
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 248, 236, 211 Background



This preview shows how black text looks on a background with the RYB color 248, 236, 211.

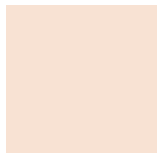
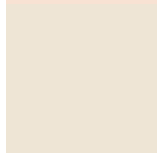
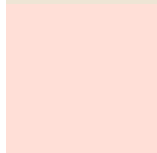


This preview shows how white text looks on a background with the RYB color 248, 236, 211.

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

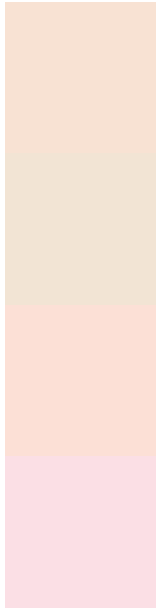
	Original Color 248, 236, 211
	Protanopia 227, 238, 213
	Deuteranopia 255, 225, 215



Tritanopia

252, 222, 239

Trichromacy



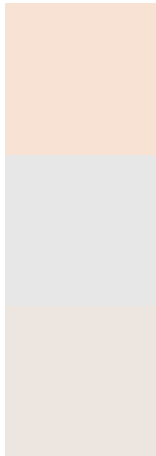
Original Color
248, 236, 211

Protanomaly
238, 242, 212

Deuteranomaly
252, 228, 214

Tritanomaly
251, 223, 229

Monochromacy



Original Color
248, 236, 211

Achromatopsia
231, 231, 231

Achromatomaly
237, 232, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 236, 211 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, 226, 211) looks like.

```
.text, #text, p{  
    color:rgb(248, 226, 211)  
}
```

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, 226, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 226, 211) }
```

Border

The CSS property to change the border of an element to RYB 248, 236, 211 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, 226, 211) }
```

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

```
.border{ border-color:rgb(248, 226, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 226, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 226, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 226, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 226,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 248, 236, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 226, 211) }
```

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

```
.background{ background-color: rgb(248,  
226, 211) }
```

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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