

Converting Colors

`RYB(250, 238, 245)`

Have a look what the booklet for RYB(250, 238, 245) contains.

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Color

R_YB(250, 238, 245)

Conversions

Conversions Part 1

Format	Color
Hex	FAEEF5
RGB	250, 238, 245
RGB Percent	98%, 93%, 96%
CMY	0.0196, 0.0667, 0.0392
CMYK	0.00, 0.05, 0.02, 0.02
HSL	325°, 55%, 96%
HSV	325°, 5%, 98%
XYZ	86.4803, 88.0656, 98.8266
YIQ	242.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

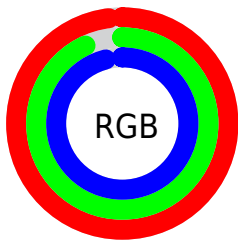
Format	Color
R _Y B	250, 238, 245
Decimal	16445173
CIE Lab	95.19, 5.24, -1.94
CIE LCh	95, 5.589, 339.706
Yxy	88.0656, 0.3163, 0.3221
Android (android.graphics.Color)	4294635253 (0xFFFAEEF5)
YUV	242.3860, 1.2887, 6.6775
Hunter-Lab	93.8433, 0.2690, 3.2519

Details

The RYB color **250, 238, 245** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **238, 246, 250**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 182, 189** is the 20% darker color. If you saturate the color by 10%, you get **250, 213, 235**, and if you desaturate by 10%, it is **250, 253, 255**.

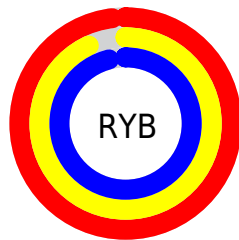
Distribution



Red (98%)

Green (93%)

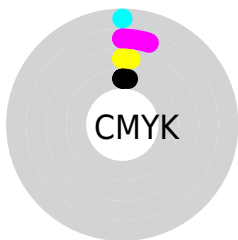
Blue (96%)



Red (98%)

Yellow (93%)

Blue (96%)

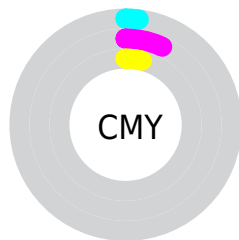


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 238, 245 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 250, 238, 245 by changing the saturation by 10% instead.

 250, 238, 245


255, 255, 255


 250, 238, 245

 221, 210, 217

 194, 182, 189

 166, 155, 162


 140, 129, 136

 114, 104, 110

 90, 80, 86

 66, 57, 63

 44, 36, 41


 24, 14, 21


 250, 238, 245


 250, 238, 245


 250, 213, 235


 250, 253, 255


 250, 188, 224


 250, 163, 214


 250, 138, 203

 250, 113, 193

 250, 88, 183

 250, 63, 172

 250, 38, 162

 250, 13, 151

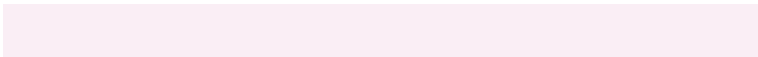
Harmonies

Analogous

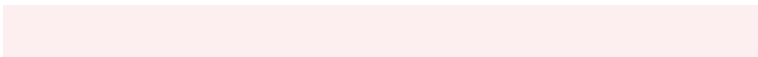
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 239, 249



250, 238, 245



253, 238, 240

Triad

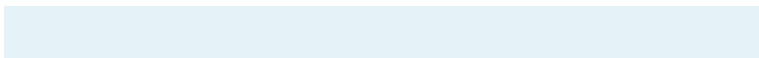
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 238, 245



235, 244, 231



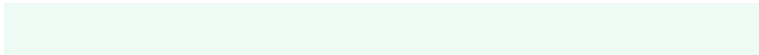
229, 237, 248

Complementary

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



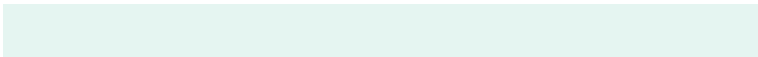
250, 238, 245



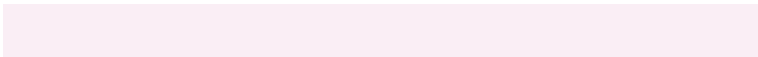
238, 246, 250

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.



229, 238, 245



250, 238, 245



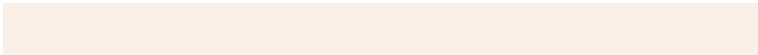
233, 243, 238

Square

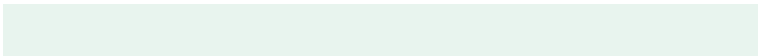
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



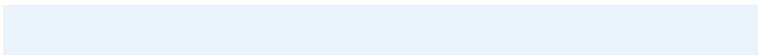
250, 238, 245



250, 248, 231



232, 240, 244



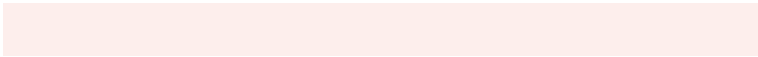
232, 239, 251

Rectangle

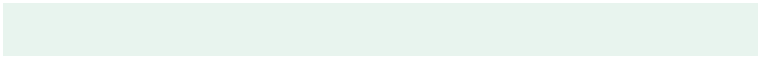
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



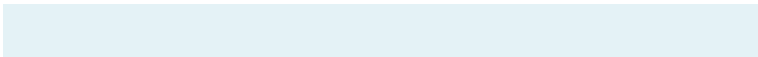
250, 238, 245



253, 238, 236



232, 240, 244



228, 236, 246

Sweetspot

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



250, 238, 245



255, 252, 254



243, 238, 250



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

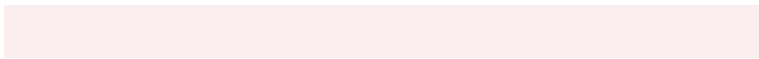
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 238, 245



255, 240, 249



250, 238, 239



125, 116, 121



189, 0, 110



61, 0, 36

Inverse Universe

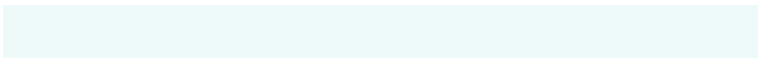
The Inverse Universe completely reimagines the original color for something new.



250, 238, 245



255, 240, 249



238, 244, 250



125, 116, 121



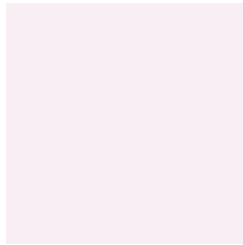
189, 0, 110



61, 0, 36

Previews

White Background



This preview shows how the RYB color 250, 238, 245 looks on a white background.

Color Contrast Check

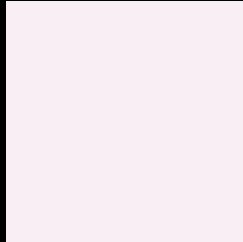
Large Text (above 18pt) WCAG AA × Fail

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 250, 238, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

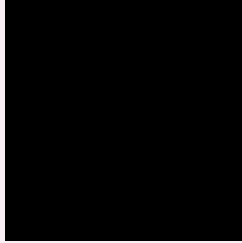
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

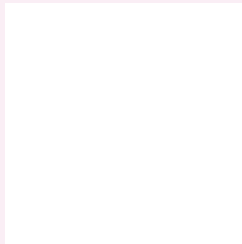
Any Text WCAG AAA ✓ Pass

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

RYB 250, 238, 245 Background



This preview shows how black text looks on a background with the RYB color 250, 238, 245.

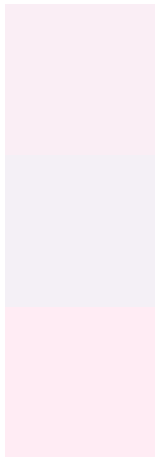


This preview shows how white text looks on a background with the RYB color 250, 238, 245.

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
250, 238, 245

Protanopia
244, 240, 246

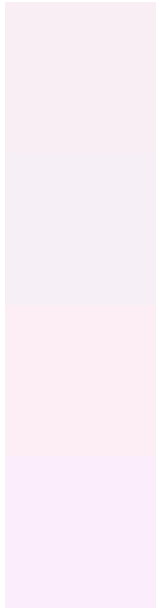
Deuteranopia
255, 236, 244



Tritanopia

251, 236, 255

Trichromacy



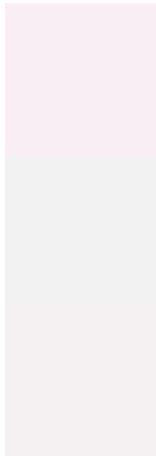
Original Color
250, 238, 245

Protanomaly
246, 239, 246

Deuteranomaly
253, 237, 244

Tritanomaly
251, 237, 251

Monochromacy



Original Color
250, 238, 245

Achromatopsia
242, 242, 242

Achromatomaly
245, 241, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 238, 245 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(250, 238, 245) looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 245)  
}
```

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(250, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 245) }
```

Border

The CSS property to change the border of an element to RYB 250, 238, 245 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(250, 238, 245) }
```

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

```
.border{ border-color:rgb(250, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 250, 238, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 245) }
```

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

```
.background{ background-color: rgb(250,  
238, 245) }
```

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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