

Converting Colors

`RYB(245, 231, 244)`

Have a look what the booklet for RYB(245, 231, 244) contains.

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Color

R_YB(245, 231, 244)

Conversions

Conversions Part 1

Format	Color
Hex	F5E7F4
RGB	245, 231, 244
RGB Percent	96%, 91%, 96%
CMY	0.0392, 0.0941, 0.0431
CMYK	0.00, 0.06, 0.00, 0.04
HSL	304°, 41%, 93%
HSV	304°, 6%, 96%
XYZ	82.5612, 83.0960, 97.2756
YIQ	236.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

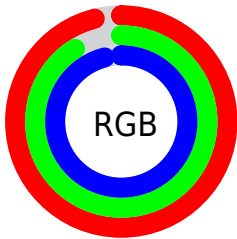
Format	Color
R _Y B	245, 231, 244
Decimal	16115700
CIE Lab	93.06, 7.00, -4.60
CIE LCh	93, 8.374, 326.711
Yxy	83.0960, 0.3140, 0.3160
Android (android.graphics.Color)	4294305780 (0xFF5E7F4)
YUV	236.6680, 3.6147, 7.3072
Hunter-Lab	91.1570, 2.1434, 0.5402

Details

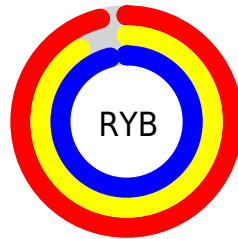
The RYB color **245, 231, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 244, 245**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 175, 188** is the 20% darker color. If you saturate the color by 10%, you get **245, 207, 242**, and if you desaturate by 10%, it is 245, 254, 255.

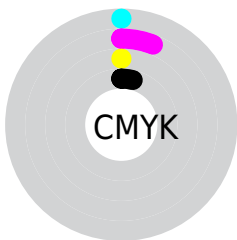
Distribution



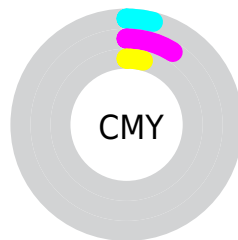
- Red (96%)
- Green (91%)
- Blue (96%)



- Red (96%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 231, 244 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, 231, 244 by changing the saturation by 10% instead.

 245, 231, 244

255, 255, 255

 245, 231, 244

 217, 203, 216

 189, 175, 188


 162, 149, 161


 135, 123, 135

 110, 98, 109

 86, 74, 85

 62, 52, 62

 41, 31, 40

 21, 6, 20

 245, 231, 244


 245, 231, 244

 245, 207, 242

 245, 254, 255

 245, 182, 241

 245, 253, 255

 245, 157, 239

 245, 252, 255

 245, 133, 237


 245, 251, 255

 245, 109, 235


 245, 251, 255


 245, 84, 234

 245, 250, 255

 245, 59, 232

 245, 250, 255

 245, 35, 230

 245, 10, 228

Harmonies

Analogous

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



236, 233, 249



245, 231, 244



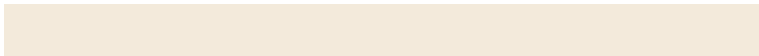
251, 230, 236

Triad

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



245, 231, 244



233, 243, 219



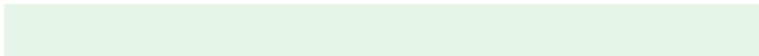
215, 228, 242

Complementary

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



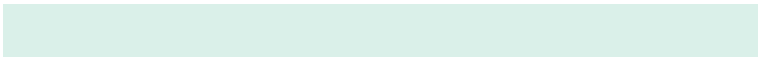
245, 231, 244



231, 244, 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.



218, 231, 240



245, 231, 244



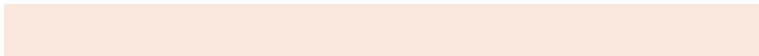
221, 237, 224

Square

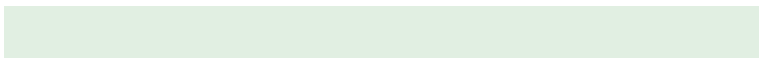
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 231, 244



250, 238, 222



225, 238, 239



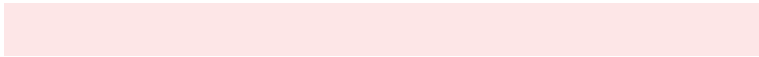
218, 230, 248

Rectangle

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



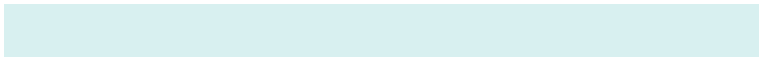
245, 231, 244



253, 230, 231



225, 238, 239



216, 228, 240

Sweetspot

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



245, 231, 244



255, 250, 255



232, 231, 245



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



245, 231, 244



255, 237, 254



245, 231, 237



122, 113, 122



186, 0, 173



59, 0, 54

Inverse Universe

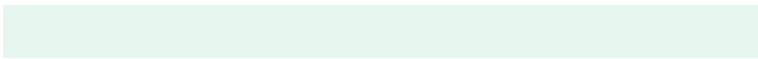
The Inverse Universe completely reimagines the original color for something new.



245, 231, 244



255, 237, 254



231, 240, 245



122, 113, 122



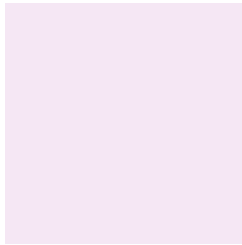
186, 0, 173



59, 0, 54

Previews

White Background



This preview shows how the RYB color 245, 231, 244 looks on a white background.

Color Contrast Check

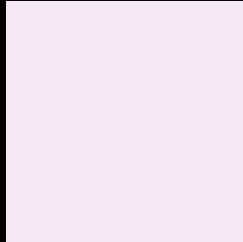
Large Text (above 18pt) WCAG AA × Fail

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, 231, 244 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

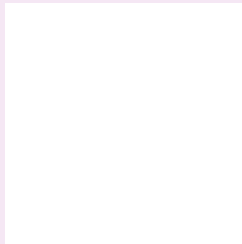
Any Text WCAG AAA ✓ Pass

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

RYB 245, 231, 244 Background



This preview shows how black text looks on a background with the RYB color 245, 231, 244.

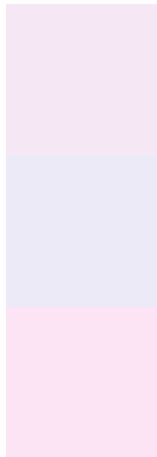


This preview shows how white text looks on a background with the RYB color 245, 231, 244.

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, 231, 244

Protanopia
236, 234, 246

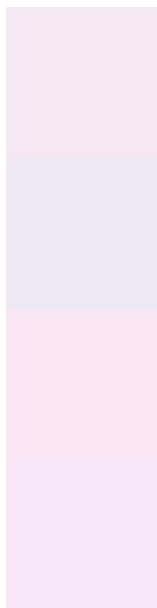
Deuteranopia
253, 228, 245



Tritanopia

246, 230, 248

Trichromacy



Original Color

245, 231, 244

Protanomaly

239, 233, 245

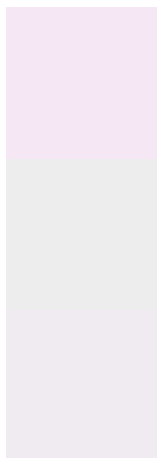
Deuteranomaly

250, 229, 245

Tritanomaly

246, 230, 247

Monochromacy



Original Color

245, 231, 244

Achromatopsia

237, 237, 237

Achromatomaly

240, 235, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 231, 244 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, 231, 244) looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 244)  
}
```

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, 231, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 244) }
```

Border

The CSS property to change the border of an element to RYB 245, 231, 244 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, 231, 244) }
```

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

```
.border{ border-color:rgb(245, 231, 244) }
```

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

Here you see how a box with a 4 pixel rgb(245, 231, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 245, 231, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 244) }
```

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

```
.background{ background-color: rgb(245,  
231, 244) }
```

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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