

Converting Colors

`RYB(247, 230, 235)`

Have a look what the booklet for RYB(247, 230, 235) contains.

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Color

R_YB(247, 230, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F7E6EB
RGB	247, 230, 235
RGB Percent	97%, 90%, 92%
CMY	0.0314, 0.0980, 0.0784
CMYK	0.00, 0.07, 0.05, 0.03
HSL	342°, 52%, 94%
HSV	342°, 7%, 97%
XYZ	81.6500, 82.3659, 90.1921
YIQ	235.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

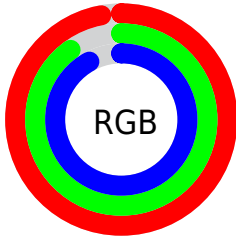
Format	Color
R _Y B	247, 230, 235
Decimal	16246507
CIE Lab	92.74, 6.62, -0.35
CIE LCh	93, 6.628, 356.935
Yxy	82.3659, 0.3212, 0.3240
Android (android.graphics.Color)	4294436587 (0xFFFF7E6EB)
YUV	235.6530, -0.3219, 9.9513
Hunter-Lab	90.7557, 1.7683, 4.6072

Details

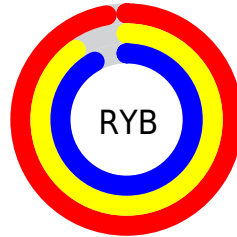
The RYB color **247, 230, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 240, 247**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 175, 179** is the 20% darker color. If you saturate the color by 10%, you get **247, 205, 218**, and if you desaturate by 10%, it is 247, 252, 255.

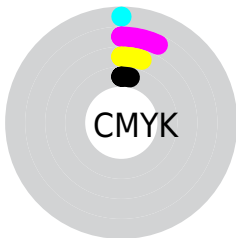
Distribution



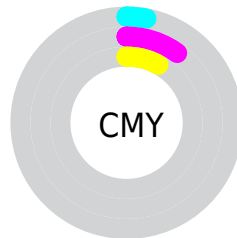
- Red (97%)
- Green (90%)
- Blue (92%)



- Red (97%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 230, 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 247, 230, 235 by changing the saturation by 10% instead.

 247, 230, 235

 247, 230, 235

255, 255, 255

 218, 202, 207

 191, 175, 179

 164, 148, 153

 137, 122, 127

 112, 97, 102

 87, 74, 78

 64, 51, 55

 42, 30, 34


 22, 5, 11

 247, 230, 235

 247, 230, 235


 247, 205, 218


 247, 252, 255

 247, 181, 200

 247, 251, 255

 247, 156, 183

 247, 131, 165

 247, 107, 148

 247, 82, 130

 247, 57, 113

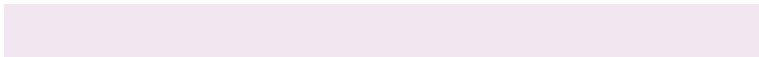
 247, 32, 96

 247, 8, 78

Harmonies

Analogous

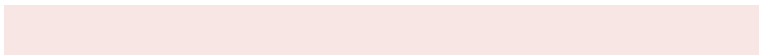
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 231, 241



247, 230, 235



248, 230, 229

Triad

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



247, 230, 235



223, 236, 226



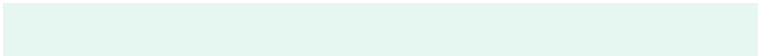
221, 231, 245

Complementary

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



247, 230, 235



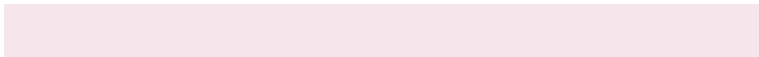
230, 240, 247

Split Complementary

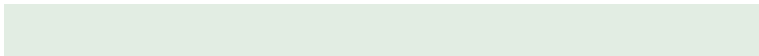
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 229, 240



247, 230, 235



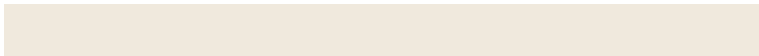
226, 236, 237

Square

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



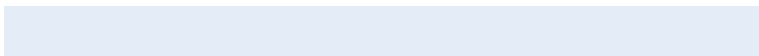
247, 230, 235



232, 240, 221



221, 231, 238



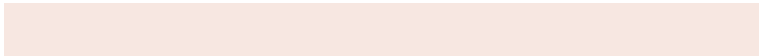
227, 233, 247

Rectangle

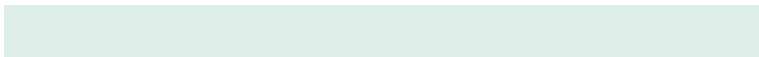
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 230, 235



247, 233, 225



221, 231, 238



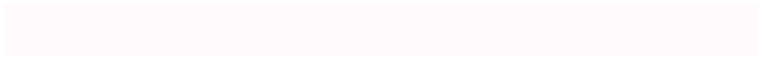
220, 230, 243

Sweetspot

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



247, 230, 235



255, 250, 251



242, 230, 247



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

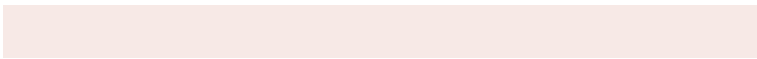
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 230, 235



255, 235, 241



247, 234, 230



122, 110, 114



186, 0, 55



59, 0, 17

Inverse Universe

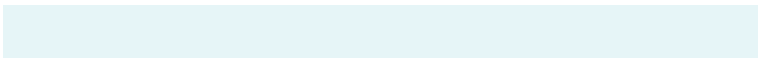
The Inverse Universe completely reimagines the original color for something new.



247, 230, 235



255, 235, 241



230, 238, 247



122, 110, 114



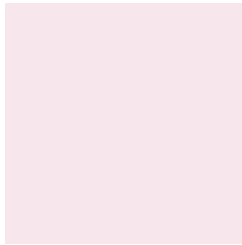
186, 0, 55



59, 0, 17

Previews

White Background



This preview shows how the RYB color 247, 230, 235 looks on a white background.

Color Contrast Check

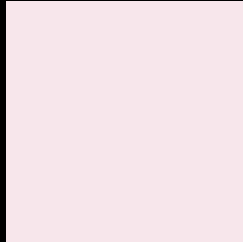
Large Text (above 18pt) WCAG AA × Fail

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 247, 230, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

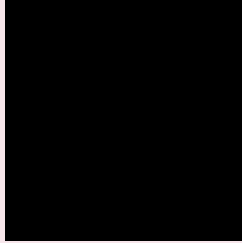
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

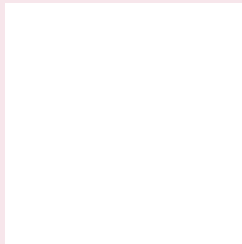
Any Text WCAG AAA ✓ Pass

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

RYB 247, 230, 235 Background



This preview shows how black text looks on a background with the RYB color 247, 230, 235.

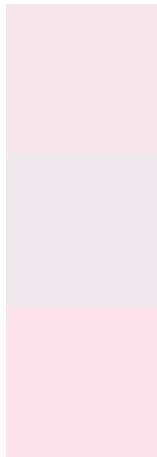


This preview shows how white text looks on a background with the RYB color 247, 230, 235.

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
247, 230, 235

Protanopia
237, 233, 237

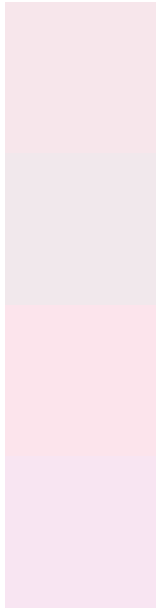
Deuteranopia
255, 227, 236



Tritanopia

249, 228, 246

Trichromacy



Original Color

247, 230, 235

Protanomaly

241, 232, 236

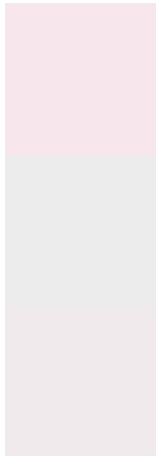
Deuteranomaly

252, 228, 236

Tritanomaly

248, 229, 242

Monochromacy



Original Color

247, 230, 235

Achromatopsia

236, 236, 236

Achromatomaly

240, 234, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 230, 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(247, 230, 235) looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 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(247, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 235) }
```

Border

The CSS property to change the border of an element to RYB 247, 230, 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(247, 230, 235) }
```

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

```
.border{ border-color:rgb(247, 230, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 247, 230, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 235) }
```

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

```
.background{ background-color: rgb(247,  
230, 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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