

Converting Colors

`RYB(252, 231, 239)`

Have a look what the booklet for RYB(252, 231, 239) contains.

| | |
|--|----|
| RYB(252, 231, 239) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

RYB(252, 231, 239)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCE7EF |
| RGB | 252, 231, 239 |
| RGB Percent | 99%, 91%, 94% |
| CMY | 0.0118, 0.0941, 0.0627 |
| CMYK | 0.00, 0.08, 0.05, 0.01 |
| HSL | 337°, 78%, 95% |
| HSV | 337°, 8%, 99% |
| XYZ | 84.3008, 84.0793, 93.4471 |
| YIQ | 238.1910, 9.9480, 6.9400 |

Conversions

Conversions Part 2

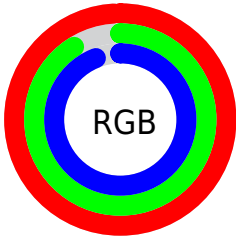
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 252, 231, 239 |
| Decimal | 16574447 |
| CIE Lab | 93.48, 8.48, -1.30 |
| CIE LCh | 93, 8.579, 351.308 |
| Yxy | 84.0793, 0.3220, 0.3211 |
| Android (android.graphics.Color) | 4294764527 (0xFFFC E7EF) |
| YUV | 238.1910, 0.3988, 12.1105 |
| Hunter-Lab | 91.6947, 3.6405, 3.7632 |

Details

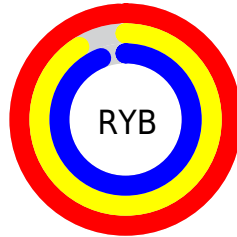
The RYB color **252, 231, 239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 244, 252**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 175, 183** is the 20% darker color. If you saturate the color by 10%, you get **252, 206, 223**, and if you desaturate by 10%, it is 252, 254, 255.

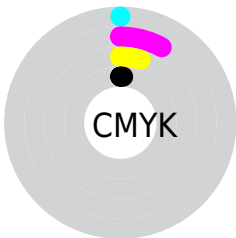
Distribution



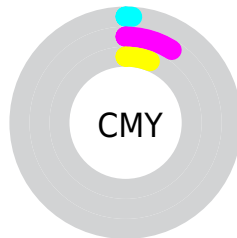
- Red (99%)
- Green (91%)
- Blue (94%)



- Red (99%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 231, 239 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 252, 231, 239 by changing the saturation by 10% instead.

 252, 231, 239


255, 255, 255

 252, 231, 239


 223, 203, 211


 195, 175, 183

 168, 149, 156

 142, 123, 130

 116, 98, 105

 91, 74, 81

 68, 52, 58

 45, 30, 37

 26, 6, 15

252, 231, 239

252, 231, 239

252, 206, 223

252, 254, 255

252, 181, 208

252, 155, 192

252, 130, 177

252, 105, 161

252, 80, 145

252, 55, 130

252, 29, 114

252, 4, 99

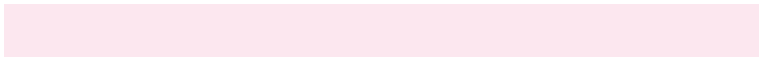
Harmonies

Analogous

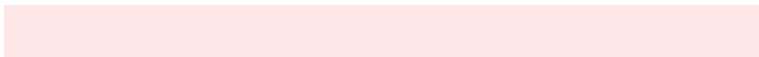
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 232, 247



252, 231, 239



255, 231, 231

Triad

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



252, 231, 239



221, 238, 222



218, 231, 249

Complementary

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



252, 231, 239



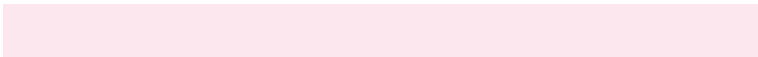
231, 244, 252

Split Complementary

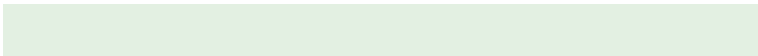
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216, 229, 242



252, 231, 239



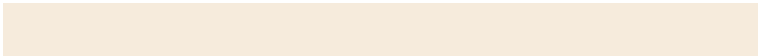
226, 240, 239

Square

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



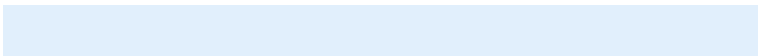
252, 231, 239



239, 246, 220



220, 233, 241



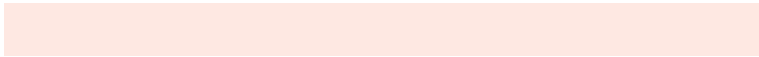
225, 234, 252

Rectangle

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



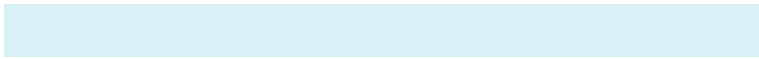
252, 231, 239



254, 234, 226



220, 233, 241



217, 230, 247

Sweetspot

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



252, 231, 239



255, 247, 250



244, 231, 252



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

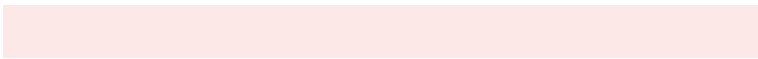
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 231, 239



255, 230, 239



252, 233, 231



125, 112, 117



189, 0, 72



61, 0, 23

Inverse Universe

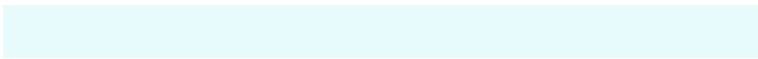
The Inverse Universe completely reimagines the original color for something new.



252, 231, 239



255, 230, 239



231, 241, 252



125, 112, 117



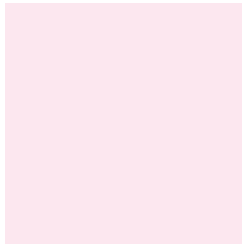
189, 0, 72



61, 0, 23

Previews

White Background



This preview shows how the RYB color 252, 231, 239 looks on a white background.

Color Contrast Check

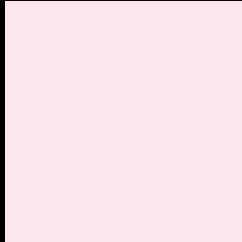
Large Text (above 18pt) WCAG AA × Fail

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 252, 231, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

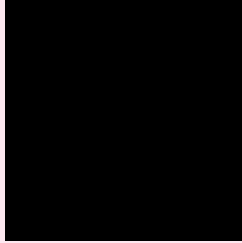
Any Text WCAG AA ✓ Pass

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 252, 231, 239 Background



This preview shows how black text looks on a background with the RYB color 252, 231, 239.

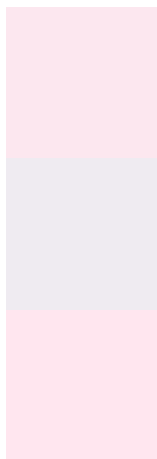


This preview shows how white text looks on a background with the RYB color 252, 231, 239.

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
252, 231, 239

Protanopia
239, 235, 241

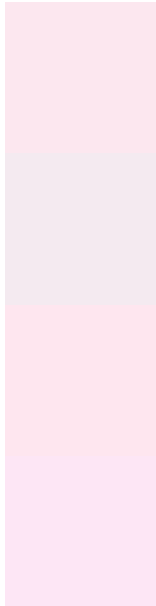
Deuteranopia
255, 230, 239



Tritanopia

253, 230, 248

Trichromacy



Original Color

252, 231, 239

Protanomaly

244, 234, 240

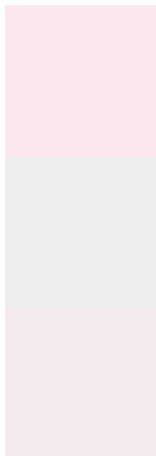
Deuteranomaly

254, 230, 239

Tritanomaly

253, 230, 245

Monochromacy



Original Color

252, 231, 239

Achromatopsia

238, 238, 238

Achromatomaly

243, 235, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 231, 239 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(252, 231, 239) looks like.

```
.text, #text, p{  
    color:rgb(252, 231, 239)  
}
```

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(252, 231, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 231, 239) }
```

Border

The CSS property to change the border of an element to RYB 252, 231, 239 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(252, 231, 239) }
```

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

```
.border{ border-color:rgb(252, 231, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 231, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 231, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 231, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 231,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 252, 231, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 231, 239) }
```

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

```
.background{ background-color: rgb(252,  
231, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor