

Converting Colors

RGB(247, 223, 230)

Have a look what the booklet for
RGB(247, 223, 230) contains.

RGB(247, 223, 230)	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

RGB(247, 223, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F7DFE6
RGB	247, 223, 230
RGB Percent	97%, 87%, 90%
CMY	0.0314, 0.1255, 0.0980
CMYK	0.00, 0.10, 0.07, 0.03
HSL	342°, 60%, 92%
HSV	342°, 10%, 97%
XYZ	79.0284, 78.2627, 85.8039
YIQ	230.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

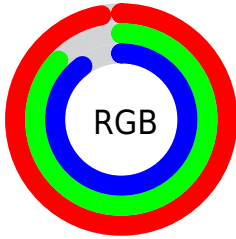
Format	Color
RYB	247, 223, 230
Decimal	16244710
CIELab	90.90, 9.39, -0.42
CIELCh	91, 9.402, 357.417
Yxy	78.2627, 0.3251, 0.3219
Android (android.graphics.Color)	4294434790 (0xFFFF7DFE6)
YUV	230.9740, -0.4802, 14.0548
Hunter-Lab	88.4662, 4.6413, 4.4206

Details

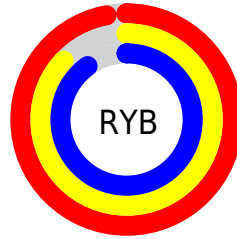
The RGB color **247, 223, 230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **223, 247, 240**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 168, 175** is the 20% darker color. If you saturate the color by 10%, you get **247, 198, 213**, and if you desaturate by 10%, it is **247, 248, 247**.

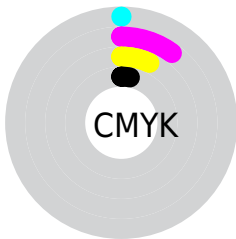
Distribution



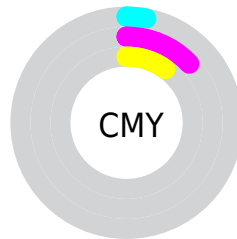
- Red (97%)
- Green (87%)
- Blue (90%)



- Red (97%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RGB color 247, 223, 230 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 RGB color 247, 223, 230 by changing the saturation by 10% instead.

 247, 223, 230

255, 255, 255

 247, 223, 230

 218, 195, 202


 191, 168, 175


 163, 141, 148

 137, 116, 122

 112, 91, 97

 87, 68, 74


 63, 45, 51

 41, 25, 30


 22, 0, 5

 247, 223, 230


 247, 223, 230


 247, 198, 213

 247, 248, 247

 247, 174, 195

 247, 255, 255

 247, 149, 178

 247, 124, 160

 247, 99, 143

 247, 75, 125

 247, 50, 108

 247, 25, 90

 247, 1, 73

Harmonies

Analogous

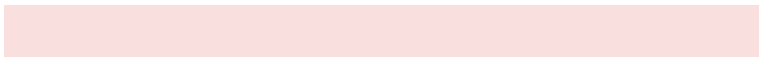
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 224, 239



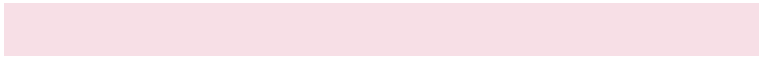
247, 223, 230



249, 223, 221

Triad

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



247, 223, 230



227, 231, 213



210, 233, 244

Complementary

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



247, 223, 230



223, 247, 240

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.



207, 234, 237



247, 223, 230



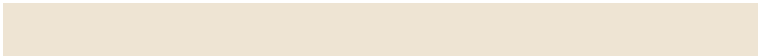
217, 233, 219

Square

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



247, 223, 230



238, 228, 211



210, 234, 228



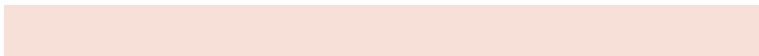
219, 230, 247

Rectangle

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



247, 223, 230



247, 224, 216



210, 234, 228



209, 233, 242

Sweetspot

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



247, 223, 230



255, 247, 250



240, 223, 247



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

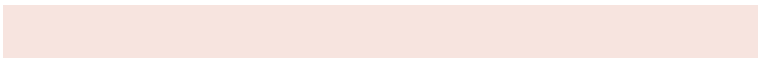
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 223, 230



255, 224, 233



247, 228, 223



122, 110, 114



186, 0, 54



59, 0, 17

Inverse Universe

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



247, 223, 230



255, 224, 233



223, 242, 247



122, 110, 114



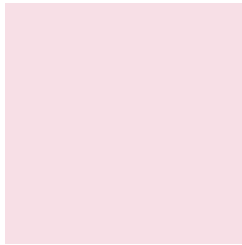
186, 0, 54



59, 0, 17

Previews

White Background



This preview shows how the RGB color 247, 223, 230 looks on a white background.

Color Contrast Check

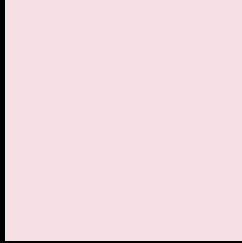
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 247, 223, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

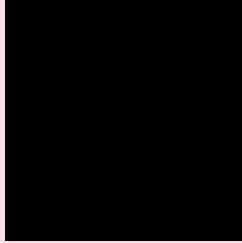
Any Text WCAG AA ✓ Pass

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](#).

RGB 247, 223, 230 Background



This preview shows how black text looks on a background with the RGB color 247, 223, 230.

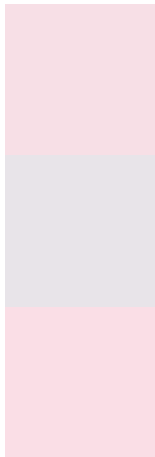


This preview shows how white text looks on a background with the RGB color 247, 223, 230.

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, 223, 230

Protanopia
232, 228, 233

Deuteranopia
250, 222, 230



Tritanopia

248, 222, 239

Trichromacy



Original Color

247, 223, 230

Protanomaly

237, 226, 232

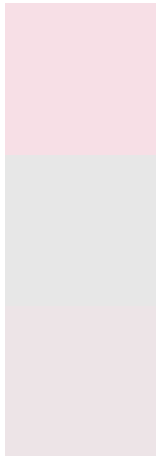
Deuteranomaly

249, 222, 230

Tritanomaly

248, 222, 236

Monochromacy



Original Color

247, 223, 230

Achromatopsia

231, 231, 231

Achromatomaly

237, 228, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 223, 230 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, 223, 230) looks like.

```
.text, #text, p{  
    color:rgb(247, 223, 230)  
}
```

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, 223, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 223, 230) }
```

Border

The CSS property to change the border of an element to RGB 247, 223, 230 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, 223, 230) }
```

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

```
.border{ border-color:rgb(247, 223, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 223, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 223, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 223, 230);  
box-shadow:4px 4px 4px 4px rgb(247, 223,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 247, 223, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 223, 230) }
```

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

```
.background{ background-color: rgb(247,  
223, 230) }
```

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