

Converting Colors

RGB(247, 221, 245)

Have a look what the booklet for
RGB(247, 221, 245) contains.

RGB(247, 221, 245)	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, 221, 245)

Conversions

Conversions Part 1

Format	Color
Hex	F7DDF5
RGB	247, 221, 245
RGB Percent	97%, 87%, 96%
CMY	0.0314, 0.1333, 0.0392
CMYK	0.00, 0.11, 0.01, 0.03
HSL	305°, 62%, 92%
HSV	305°, 11%, 97%
XYZ	80.6957, 78.0796, 97.2040
YIQ	231.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

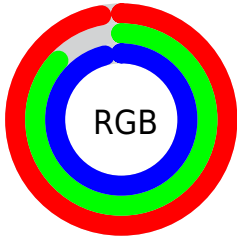
Format	Color
R _Y B	247, 221, 245
Decimal	16244213
CIE Lab	90.82, 13.03, -8.41
CIE LCh	91, 15.513, 327.167
Yxy	78.0796, 0.3152, 0.3050
Android (android.graphics.Color)	4294434293 (0xFFF7DDF5)
YUV	231.5100, 6.6506, 13.5847
Hunter-Lab	88.3627, 8.3773, -3.3685

Details

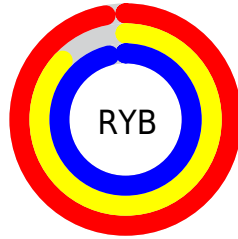
The RGB color **247, 221, 245** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **221, 247, 223**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 166, 189** is the 20% darker color. If you saturate the color by 10%, you get **247, 196, 243**, and if you desaturate by 10%, it is **247, 246, 247**.

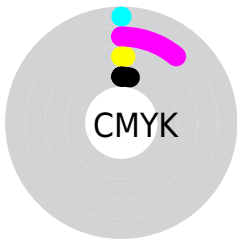
Distribution



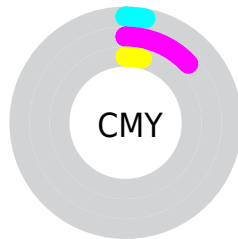
- Red (97%)
- Green (87%)
- Blue (96%)



- Red (97%)
- Yellow (87%)
- Blue (96%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 221, 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 RGB color 247, 221, 245 by changing the saturation by 10% instead.

 247, 221, 245


255, 255, 255

 247, 221, 245

 218, 193, 217

 191, 166, 189


 163, 140, 162

 137, 114, 136

 112, 89, 110

 87, 66, 86


 63, 44, 63

 41, 23, 41


 22, 0, 21

 247, 221, 245

 247, 221, 245

 247, 196, 243


 247, 246, 247

 247, 172, 241

 247, 255, 249

 247, 147, 239

 247, 255, 251

 247, 122, 237

 247, 255, 253


 247, 98, 236

 247, 255, 254

 247, 73, 234

 247, 255, 255

 247, 48, 232

 247, 23, 230

 247, 0, 228

Harmonies

Analogous

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



230, 225, 255



247, 221, 245



255, 219, 231

Triad

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



247, 221, 245



242, 227, 199



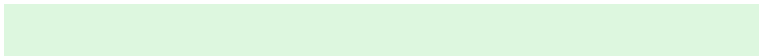
191, 237, 242

Complementary

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



247, 221, 245



221, 247, 223

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.



196, 237, 227



247, 221, 245



226, 232, 202

Square

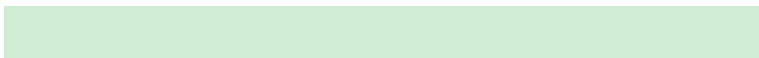
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



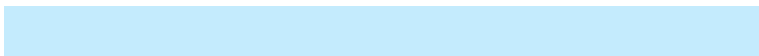
247, 221, 245



255, 222, 204



209, 236, 212



196, 235, 253

Rectangle

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



247, 221, 245



255, 219, 221



209, 236, 212



191, 237, 237

Sweetspot

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



247, 221, 245



255, 247, 254



223, 221, 247



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



247, 221, 245



255, 222, 252



247, 221, 232



122, 110, 121



186, 0, 172



59, 0, 54

Inverse Universe

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



247, 221, 245



255, 222, 252



221, 247, 236



122, 110, 121



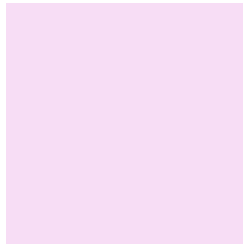
186, 0, 172



59, 0, 54

Previews

White Background



This preview shows how the RGB color 247, 221, 245 looks on a white background.

Color Contrast Check

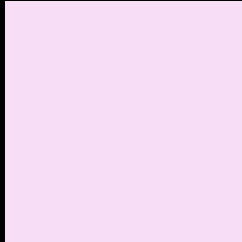
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 247, 221, 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

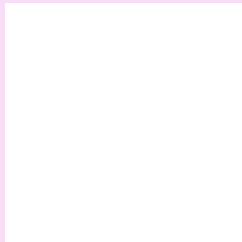
Any Text WCAG AAA ✓ Pass

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

RGB 247, 221, 245 Background



This preview shows how black text looks on a background with the RGB color 247, 221, 245.

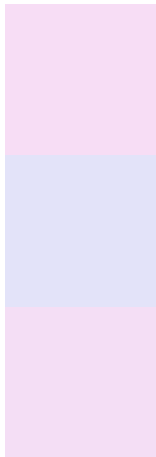


This preview shows how white text looks on a background with the RGB color 247, 221, 245.

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
247, 221, 245

Protanopia
227, 227, 249

Deuteranopia
244, 222, 245



Tritanopia
246, 222, 239

Trichromacy



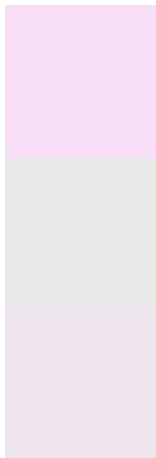
Original Color
247, 221, 245

Protanomaly
234, 225, 248

Deuteranomaly
245, 222, 245

Tritanomaly
246, 222, 241

Monochromacy



Original Color
247, 221, 245

Achromatopsia
232, 232, 232

Achromatomaly
237, 228, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 221, 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(247, 221, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 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(247, 221, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 245) }
```

Border

The CSS property to change the border of an element to RGB 247, 221, 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(247, 221, 245) }
```

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

```
.border{ border-color:rgb(247, 221, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 221, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 247, 221, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 245) }
```

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

```
.background{ background-color: rgb(247,  
221, 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](#).

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