

Converting Colors

RGB(245, 228, 237)

Have a look what the booklet for
RGB(245, 228, 237) contains.

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Color

RGB(245, 228, 237)

Conversions

Conversions Part 1	
Format	Color
Hex	F5E4ED
RGB	245, 228, 237
RGB Percent	96%, 89%, 93%
CMY	0.0392, 0.1059, 0.0706
CMYK	0.00, 0.07, 0.03, 0.04
HSL	328°, 46%, 93%
HSV	328°, 7%, 96%
XYZ	80.6857, 81.0137, 91.5054
YIQ	234.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

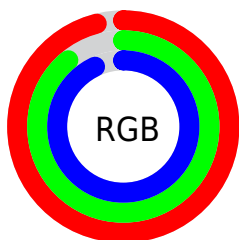
Format	Color
RYB	245, 228, 237
Decimal	16114925
CIELab	92.14, 7.32, -2.29
CIELCh	92, 7.670, 342.602
Yxy	81.0137, 0.3187, 0.3200
Android (android.graphics.Color)	4294305005 (0xFFFF5E4ED)
YUV	234.1090, 1.4253, 9.5514
Hunter-Lab	90.0076, 2.4997, 2.7287

Details

The RGB color 245, 228, 237 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 228, 245, 236, and the grayscale version is 234, 234, 234.

A 20% lighter version of the original color is 255, 255, 255, and 189, 173, 181 is the 20% darker color. If you saturate the color by 10%, you get 245, 203, 225, and if you desaturate by 10%, it is 245, 252, 249.

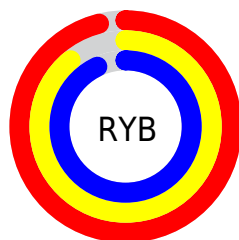
Distribution



Red (96%)

Green (89%)

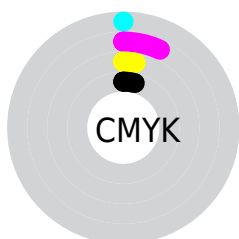
Blue (93%)



Red (96%)

Yellow (89%)

Blue (93%)

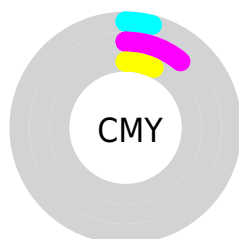


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (4%)



Cyan (4%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 228, 237 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 245, 228, 237 by changing the saturation by 10% instead.

 245, 228, 237

 245, 228, 237

255, 255, 255

 217, 200, 209

 189, 173, 181


 162, 146, 154

 135, 120, 128

 110, 96, 103

 86, 72, 79

 62, 49, 56

 40, 28, 35

 21, 2, 13

 245, 228, 237

 245, 228, 237

 245, 203, 225

 245, 252, 249

 245, 179, 214


 245, 255, 255


 245, 155, 202

 245, 130, 191

 245, 106, 179

 245, 81, 168

 245, 57, 156

 245, 32, 145

 245, 8, 133

Harmonies

Analogous

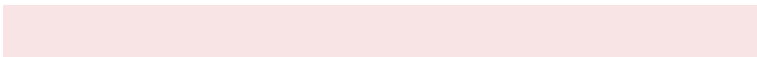
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 230, 243



245, 228, 237



249, 228, 229

Triad

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



245, 228, 237



235, 233, 218



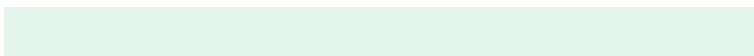
215, 236, 242

Complementary

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



245, 228, 237



228, 245, 236

Split Complementary

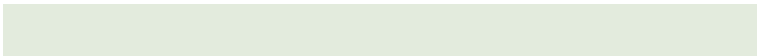
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215, 237, 235



245, 228, 237



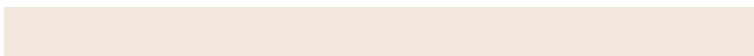
227, 235, 221

Square

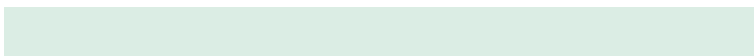
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



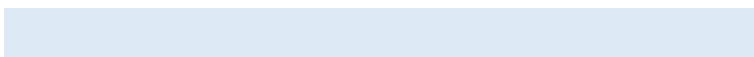
245, 228, 237



243, 230, 219



219, 237, 228



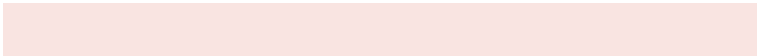
221, 234, 246

Rectangle

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



245, 228, 237



249, 228, 225



219, 237, 228



215, 237, 240

Sweetspot

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



245, 228, 237



255, 250, 253



236, 228, 245



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



245, 228, 237



255, 235, 245



245, 228, 229



122, 110, 117



186, 0, 99



59, 0, 31

Inverse Universe

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



245, 228, 237



255, 235, 245



228, 245, 244



122, 110, 117



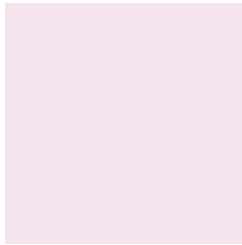
186, 0, 99



59, 0, 31

Previews

White Background



This preview shows how the RGB color 245, 228, 237 looks on a white background.

Color Contrast Check

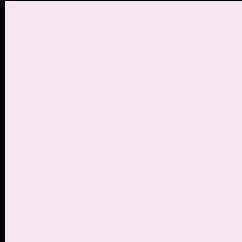
Large Text (above 18pt) WCAG AA × Fail

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 245, 228, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

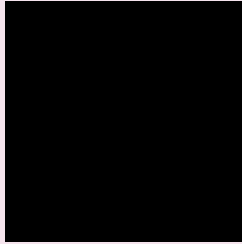
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

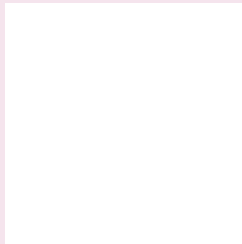
Any Text WCAG AAA ✓ Pass

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

RGB 245, 228, 237 Background



This preview shows how black text looks on a background with the RGB color 245, 228, 237.

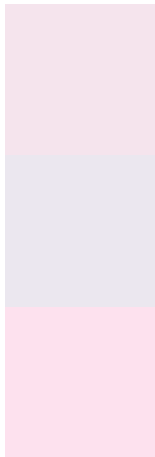


This preview shows how white text looks on a background with the RGB color 245, 228, 237.

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, 228, 237

Protanopia
235, 231, 239

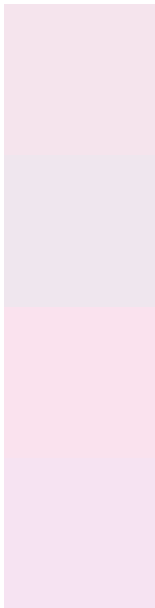
Deuteranopia
253, 225, 238



Tritanopia

246, 227, 245

Trichromacy



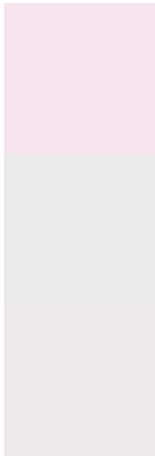
Original Color
245, 228, 237

Protanomaly
239, 230, 238

Deuteranomaly
250, 226, 238

Tritanomaly
246, 227, 242

Monochromacy



Original Color
245, 228, 237

Achromatopsia
234, 234, 234

Achromatomaly
238, 232, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 228, 237 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, 228, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 237)  
}
```

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, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 237) }
```

Border

The CSS property to change the border of an element to RGB 245, 228, 237 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, 228, 237) }
```

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

```
.border{ border-color:rgb(245, 228, 237) }
```

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

Here you see how a box with a 4 pixel rgb(245, 228, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 245, 228, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 237) }
```

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

```
.background{ background-color: rgb(245,  
228, 237) }
```

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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