

Converting Colors

RGB(234, 219, 237)

Have a look what the booklet for
RGB(234, 219, 237) contains.

RGB(234, 219, 237)	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(234, 219, 237)

Conversions

Conversions Part 1

Format	Color
Hex	EADBED
RGB	234, 219, 237
RGB Percent	92%, 86%, 93%
CMY	0.0824, 0.1412, 0.0706
CMYK	0.01, 0.08, 0.00, 0.07
HSL	290°, 33%, 89%
HSV	290°, 8%, 93%
XYZ	74.5493, 74.2699, 90.5271
YIQ	225.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

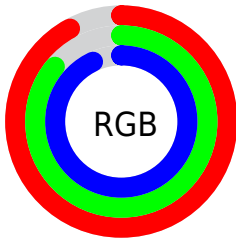
Format	Color
RYB	234, 219, 237
Decimal	15391725
CIELab	89.05, 8.31, -6.94
CIElCh	89, 10.828, 320.122
Yxy	74.2699, 0.3115, 0.3103
Android (android.graphics.Color)	4293581805 (0xFFEADBED)
YUV	225.5370, 5.6513, 7.4221
Hunter-Lab	86.1800, 3.5950, -1.9548

Details

The RGB color **234, 219, 237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 237, 219**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 164, 181** is the 20% darker color. If you saturate the color by 10%, you get **230, 195, 237**, and if you desaturate by 10%, it is **238, 243, 237**.

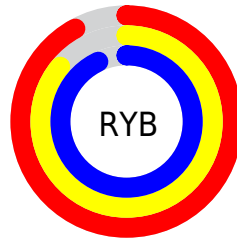
Distribution



Red (92%)

Green (86%)

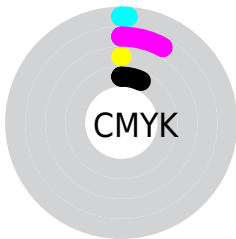
Blue (93%)



Red (92%)

Yellow (86%)

Blue (93%)

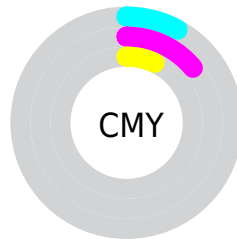


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 219, 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 234, 219, 237 by changing the saturation by 10% instead.

■ 234, 219, 237

255, 255, 255

■ 234, 219, 237

■ 206, 191, 209

■ 178, 164, 181

■ 152, 138, 154

■ 126, 112, 128

■ 101, 88, 103

■ 77, 65, 79


■ 54, 42, 56

■ 32, 22, 35

■ 5, 0, 13

 234, 219, 237


 234, 219, 237

 230, 195, 237


 238, 243, 237

 226, 172, 237


 242, 255, 237

 222, 148, 237


 246, 255, 237

 218, 124, 237


 250, 255, 237

 214, 100, 237

 254, 255, 237

 210, 77, 237

 255, 255, 237

 206, 53, 237

 202, 29, 237

 198, 6, 237

Harmonies

Analogous

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



222, 222, 243



234, 219, 237



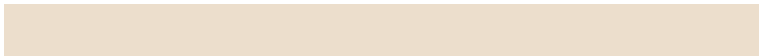
243, 217, 228

Triad

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



234, 219, 237



236, 222, 204



198, 230, 230

Complementary

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



234, 219, 237



222, 237, 219

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.



203, 230, 220



234, 219, 237



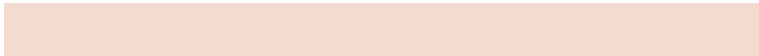
225, 225, 204

Square

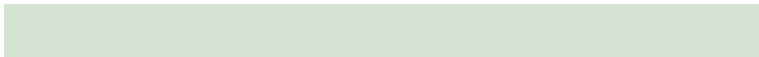
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 219, 237



244, 219, 208



213, 228, 210



201, 228, 239

Rectangle

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



234, 219, 237



246, 217, 220



213, 228, 210



199, 230, 227

Sweetspot

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



234, 219, 237



254, 250, 255



219, 222, 237



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 219, 237



251, 232, 255



237, 219, 231



115, 106, 117



151, 0, 181



45, 0, 54

Inverse Universe

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



237, 219, 222



255, 232, 236



219, 237, 225



117, 106, 108



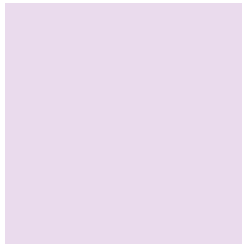
181, 0, 30



54, 0, 9

Previews

White Background



This preview shows how the RGB color 234, 219, 237 looks on a white background.

Color Contrast Check

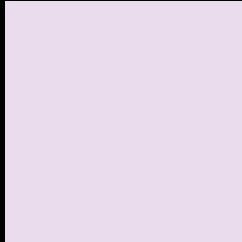
Large Text (above 18pt) WCAG AA × Fail

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 234, 219, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

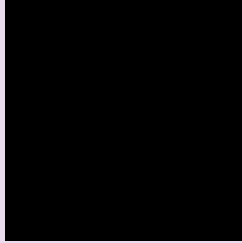
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

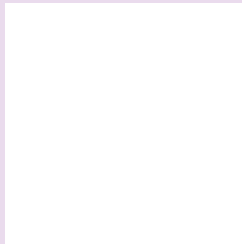
Any Text WCAG AAA ✓ Pass

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

RGB 234, 219, 237 Background



This preview shows how black text looks on a background with the RGB color 234, 219, 237.



This preview shows how white text looks on a background with the RGB color 234, 219, 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](#).

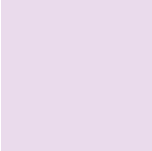
Dichromacy



Original Color
[234](#), [219](#), [237](#)

Protanopia
[223](#), [222](#), [239](#)

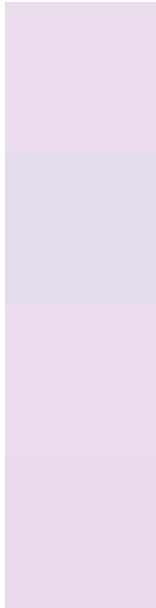
Deuteranopia
[239](#), [217](#), [237](#)



Tritanopia

234, 219, 236

Trichromacy



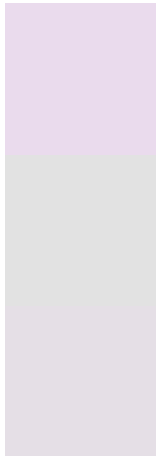
Original Color
234, 219, 237

Protanomaly
227, 221, 238

Deuteranomaly
237, 218, 237

Tritanomaly
234, 219, 236

Monochromacy



Original Color
234, 219, 237

Achromatopsia
226, 226, 226

Achromatomaly
229, 223, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 219, 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(234, 219, 237) looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 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(234, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 237) }
```

Border

The CSS property to change the border of an element to RGB 234, 219, 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(234, 219, 237) }
```

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

```
.border{ border-color:rgb(234, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 234, 219, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 237) }
```

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

```
.background{ background-color: rgb(234,  
219, 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](#).

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