

# Converting Colors

RGB(234, 224, 236)

Have a look what the booklet for  
RGB(234, 224, 236) contains.

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# Color

**RGB(234, 224, 236)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EAE0EC
RGB	234, 224, 236
RGB Percent	92%, 88%, 93%
CMY	0.0824, 0.1216, 0.0745
CMYK	0.01, 0.05, 0.00, 0.07
HSL	290°, 24%, 90%
HSV	290°, 5%, 93%
XYZ	75.7277, 76.8599, 90.2010
YIQ	228.3580, 2.1080, 5.8520

# Conversions

## Conversions Part 2

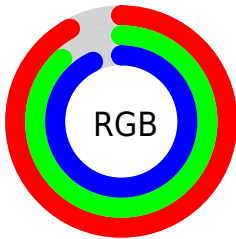
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 224, 236
Decimal	15393004
CIE Lab	90.26, 5.52, -4.63
CIE LCh	90, 7.210, 319.996
Yxy	76.8599, 0.3119, 0.3166
Android (android.graphics.Color)	4293583084 (0xFFEAE0EC)
YUV	228.3580, 3.7675, 4.9480
Hunter-Lab	87.6698, 0.7632, 0.3670

# Details

The RGB color **234, 224, 236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 236, 224**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 169, 180** is the 20% darker color. If you saturate the color by 10%, you get **230, 200, 236**, and if you desaturate by 10%, it is **238, 248, 236**.

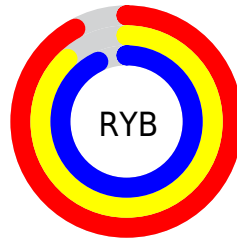
# Distribution



Red (92%)

Green (88%)

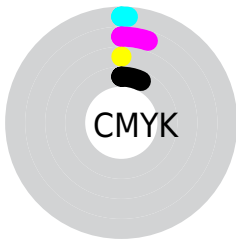
Blue (93%)



Red (92%)

Yellow (88%)

Blue (93%)

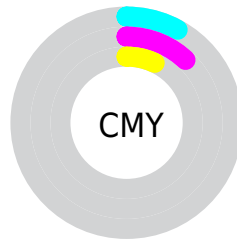


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (12%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 234, 224, 236 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, 224, 236 by changing the saturation by 10% instead.



■ 234, 224, 236

255, 255, 255

■ 234, 224, 236

■ 206, 196, 208

■ 178, 169, 180

■ 152, 142, 153

■ 126, 117, 128

■ 101, 92, 102

■ 77, 69, 78

■ 54, 46, 56

■ 33, 26, 34


■ 10, 0, 12

 234, 224, 236


 234, 224, 236

 230, 200, 236


 238, 248, 236

 226, 177, 236


 242, 255, 236

 222, 153, 236

 246, 255, 236

 218, 130, 236


 250, 255, 236


 214, 106, 236


 254, 255, 236

 210, 82, 236

 255, 255, 236

 206, 59, 236

 203, 35, 236

 199, 12, 236

# Harmonies

## Analogous

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



226, 226, 240



234, 224, 236



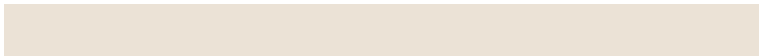
240, 223, 230

# Triad

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



234, 224, 236



235, 226, 214



211, 231, 231

# Complementary

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



234, 224, 236



226, 236, 224

# 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.



213, 231, 224



234, 224, 236



228, 228, 214

# Square

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



234, 224, 236



241, 224, 217



220, 230, 218



212, 230, 237

# Rectangle

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



234, 224, 236



242, 223, 225



220, 230, 218



211, 231, 229



# Sweetspot

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



234, 224, 236



254, 250, 255



224, 226, 236



127, 125, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



234, 224, 236



252, 240, 255



236, 224, 232



116, 109, 117



151, 0, 181



45, 0, 54

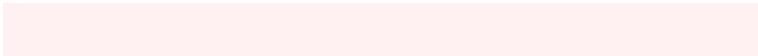


# Inverse Universe

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



236, 224, 226



255, 240, 242



224, 236, 228



117, 109, 110



181, 0, 30

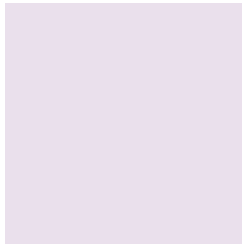


54, 0, 9



# Previews

## White Background



This preview shows how the RGB color 234, 224, 236 looks on a white background.

## Color Contrast Check

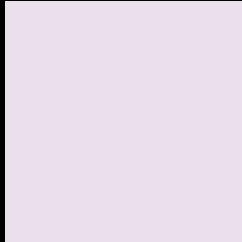
Large Text (above 18pt) WCAG AA × Fail

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, 224, 236 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

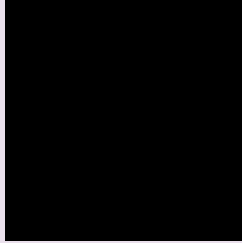
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

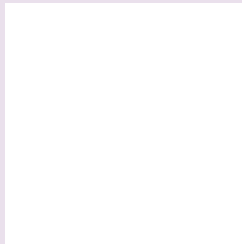
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 234, 224, 236 Background



This preview shows how black text looks on a background with the RGB color 234, 224, 236.

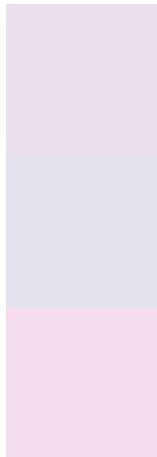


This preview shows how white text looks on a background with the RGB color 234, 224, 236.

# 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, 224, 236

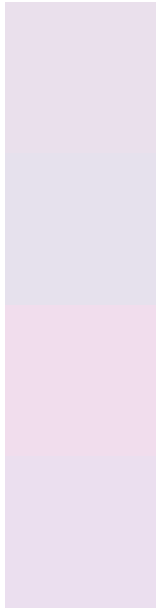
**Protanopia**  
228, 226, 237

**Deuteranopia**  
245, 220, 237



**Tritanopia**  
235, 223, 241

# Trichromacy



## Original Color

234, 224, 236

## Protanomaly

230, 225, 237

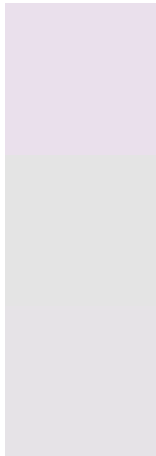
## Deuteranomaly

241, 221, 237

## Tritanomaly

235, 223, 239

# Monochromacy



## Original Color

234, 224, 236

## Achromatopsia

228, 228, 228

## Achromatomaly

230, 227, 231

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 234, 224, 236 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, 224, 236) looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 236)  
}
```

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, 224, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 236) }
```

## Border

The CSS property to change the border of an element to RGB 234, 224, 236 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, 224, 236) }
```

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

```
.border{ border-color:rgb(234, 224, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
236) }
```

# Background

The CSS property to change the background color of an element to RGB 234, 224, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 236) }
```

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

```
.background{ background-color: rgb(234,  
224, 236) }
```

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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