

# Converting Colors

RGB(235, 225, 224)

Have a look what the booklet for  
RGB(235, 225, 224) contains.

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# **Color**

**RGB(235, 225, 224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">EBE1E0</a>
RGB	<a href="#">235, 225, 224</a>
RGB Percent	<a href="#">92%, 88%, 88%</a>
CMY	<a href="#">0.0784, 0.1176, 0.1216</a>
CMYK	<a href="#">0.00, 0.04, 0.05, 0.08</a>
HSL	<a href="#">5°, 22%, 90%</a>
HSV	<a href="#">5°, 5%, 92%</a>
XYZ	<a href="#">74.6407, 76.8944, 81.4291</a>
YIQ	<a href="#">227.8760, 6.2810, 1.8090</a>

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 225, 224
Decimal	15458784
CIE Lab	90.27, 3.23, 1.69
CIE LCh	90, 3.642, 27.655
Yxy	76.8944, 0.3204, 0.3301
Android (android.graphics.Color)	4293648864 (0xFFEBE1E0)
YUV	227.8760, -1.9109, 6.2477
Hunter-Lab	87.6895, -1.5185, 6.3255

# Details

The RGB color **235, 225, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 234, 235**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 170, 169** is the 20% darker color. If you saturate the color by 10%, you get **235, 204, 201**, and if you desaturate by 10%, it is **235, 246, 248**.

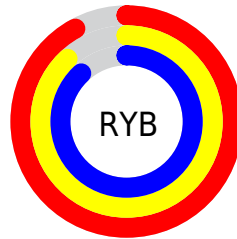
# Distribution



Red (92%)

Green (88%)

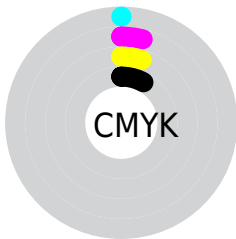
Blue (88%)



Red (92%)

Yellow (88%)

Blue (88%)

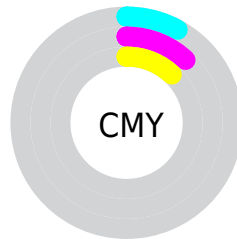


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 235, 225, 224 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 235, 225, 224 by changing the saturation by 10% instead.



 235, 225, 224


255, 255, 255

 235, 225, 224

 207, 197, 196

 179, 170, 169

 152, 143, 142

 127, 118, 117

 102, 93, 92

 78, 70, 69

 55, 47, 47

 33, 26, 26


 10, 0, 0

 235, 225, 224

 235, 225, 224


 235, 204, 201

 235, 246, 248

 235, 182, 177

 235, 255, 255

 235, 161, 154

 235, 140, 130

 235, 118, 107

 235, 97, 83

 235, 75, 60

 235, 54, 36

 235, 33, 13

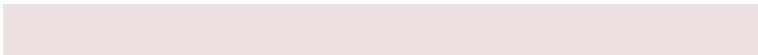
# Harmonies

## Analogous

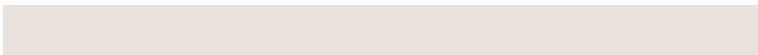
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 225, 227



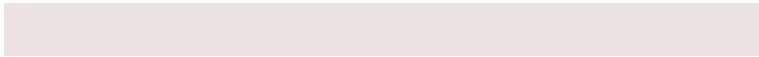
235, 225, 224



234, 226, 221

# Triad

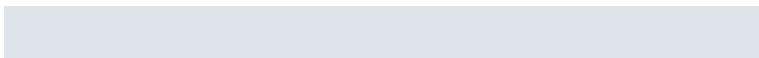
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 225, 224



223, 229, 223



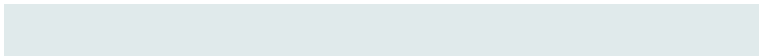
223, 227, 234

# Complementary

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



235, 225, 224



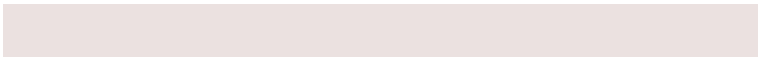
224, 234, 235

# 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.



220, 229, 233



235, 225, 224



220, 229, 227

# Square

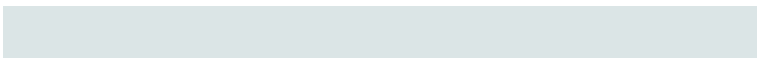
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 225, 224



227, 228, 221



219, 229, 230



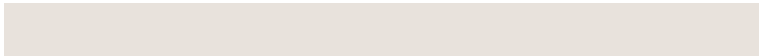
228, 226, 233

# Rectangle

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



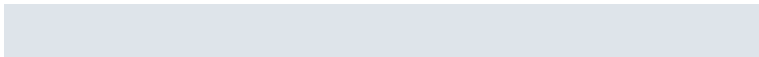
235, 225, 224



232, 226, 220



219, 229, 230



222, 228, 234



# Sweetspot

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



235, 225, 224



255, 253, 252



235, 224, 234



128, 126, 126



0, 0, 0



128, 128, 128

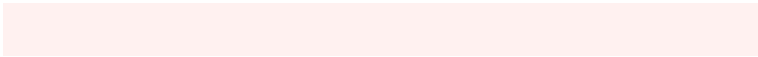


# Same Dimension

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



235, 225, 224



255, 241, 240



235, 230, 224



117, 110, 109



181, 16, 0



54, 5, 0

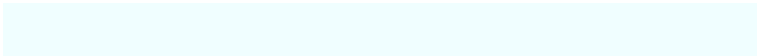


# Inverse Universe

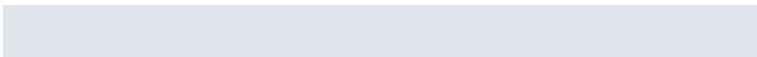
The Inverse Universe completely reimagines the original color for something new.



224, 234, 235



240, 254, 255



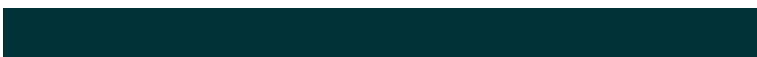
224, 229, 235



109, 117, 117



0, 165, 181

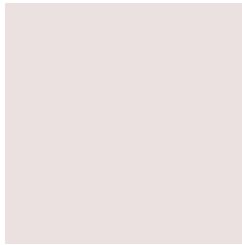


0, 49, 54



# Previews

## White Background



This preview shows how the RGB color 235, 225, 224 looks on a white background.

## Color Contrast Check

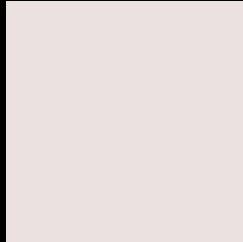
Large Text (above 18pt) WCAG AA × Fail

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 235, 225, 224 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

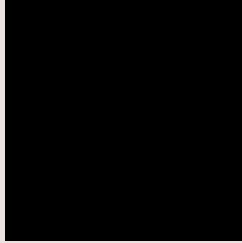
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

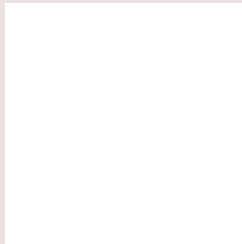
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 235, 225, 224 Background



This preview shows how black text looks on a background with the RGB color 235, 225, 224.



This preview shows how white text looks on a background with the RGB color 235, 225, 224.

# 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](#).

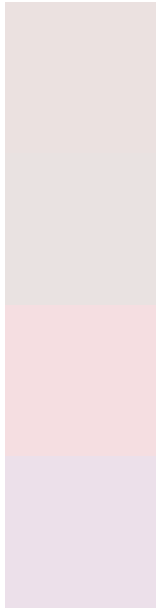
## Dichromacy





**Tritanopia**  
237, 223, 240

# Trichromacy



## Original Color

235, 225, 224

## Protanomaly

233, 226, 225

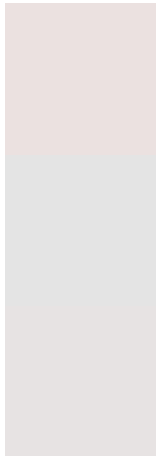
## Deuteranomaly

245, 222, 225

## Tritanomaly

236, 224, 234

# Monochromacy



## Original Color

235, 225, 224

## Achromatopsia

228, 228, 228

## Achromatomaly

231, 227, 227

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 235, 225, 224 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(235, 225, 224) looks like.

```
.text, #text, p{  
    color:rgb(235, 225, 224)  
}
```

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(235, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 225, 224) }
```

## Border

The CSS property to change the border of an element to RGB 235, 225, 224 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(235, 225, 224) }
```

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

```
.border{ border-color:rgb(235, 225, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 225, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 225, 224); box-shadow:4px 4px 4px 4px rgb(235, 225, 224) }
```

# Background

The CSS property to change the background color of an element to RGB 235, 225, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 225, 224) }
```

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

```
.background{ background-color: rgb(235,  
225, 224) }
```

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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