

# Converting Colors

RGB(225, 244, 236)

Have a look what the booklet for  
RGB(225, 244, 236) contains.

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# **Color**

**RGB(225, 244, 236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1F4EC
RGB	225, 244, 236
RGB Percent	88%, 96%, 93%
CMY	0.1176, 0.0431, 0.0745
CMYK	0.08, 0.00, 0.03, 0.04
HSL	155°, 46%, 92%
HSV	155°, 8%, 96%
XYZ	78.5423, 86.7650, 91.9646
YIQ	237.4070, -8.7560, -6.5160

# Conversions

## Conversions Part 2

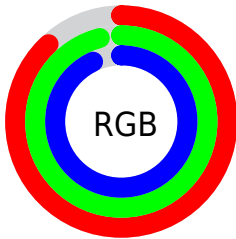
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 237, 244
Decimal	14808300
CIE Lab	94.64, -7.69, 1.70
CIE LCh	95, 7.876, 167.512
Yxy	86.7650, 0.3053, 0.3373
Android (android.graphics.Color)	4292998380 (0xFFE1F4EC)
YUV	237.4070, -0.6937, -10.8809
Hunter-Lab	93.1478, -12.4971, 6.6665

# Details

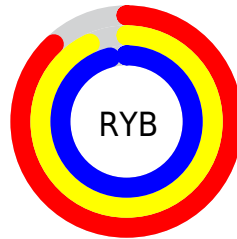
The RGB color **225, 244, 236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **244, 225, 233**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 188, 180** is the 20% darker color. If you saturate the color by 10%, you get **201, 244, 226**, and if you desaturate by 10%, it is **249, 244, 246**.

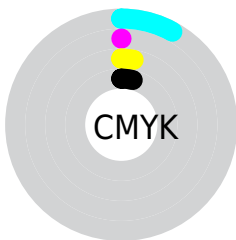
# Distribution



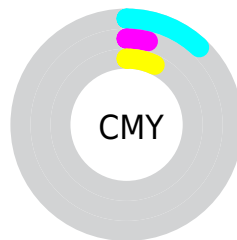
- Red (88%)
- Green (96%)
- Blue (93%)



- Red (88%)
- Yellow (93%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 225, 244, 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 225, 244, 236 by changing the saturation by 10% instead.




 225, 244, 236

255, 255, 255

 225, 244, 236

 197, 216, 208

 170, 188, 180

 143, 161, 153

 117, 135, 128

 93, 109, 103

 69, 85, 79

 47, 62, 56

 25, 40, 34

 0, 20, 12

 225, 244, 236

 225, 244, 236

 201, 244, 226

 249, 244, 246

 176, 244, 215

 255, 244, 255

 152, 244, 205

 127, 244, 195

 103, 244, 185

 79, 244, 174

 54, 244, 164

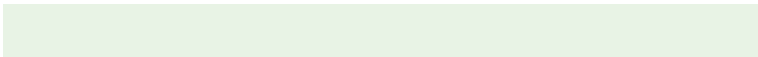
 30, 244, 154

 5, 244, 144

# Harmonies

## Analogous

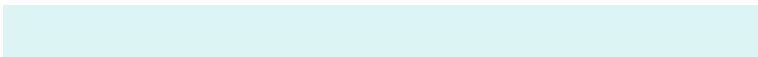
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 243, 229



225, 244, 236



221, 244, 244

# Triad

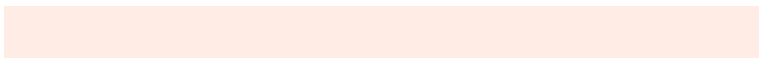
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 244, 236



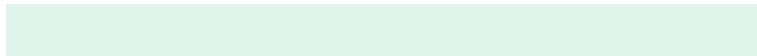
237, 239, 254



255, 236, 229

# Complementary

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



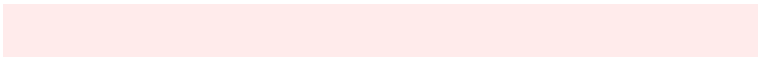
225, 244, 236



244, 225, 233

# 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.



255, 235, 235



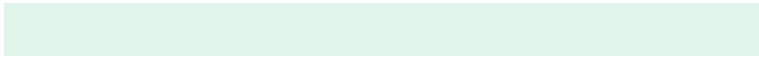
225, 244, 236



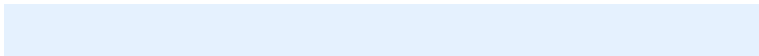
247, 236, 250

# Square

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



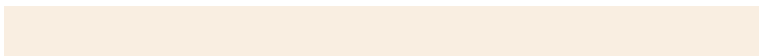
225, 244, 236



229, 241, 254



253, 235, 243



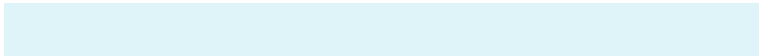
249, 238, 225

# Rectangle

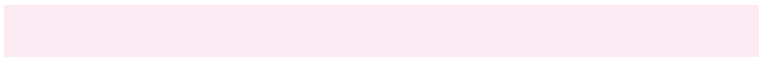
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



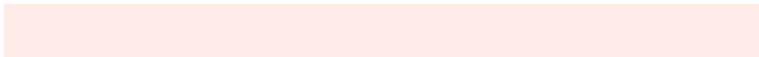
225, 244, 236



222, 244, 248



253, 235, 243

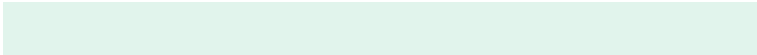


255, 235, 231



# Sweetspot

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



225, 244, 236



250, 255, 253



233, 244, 225



125, 128, 126



0, 0, 0



128, 128, 128



# Same Dimension

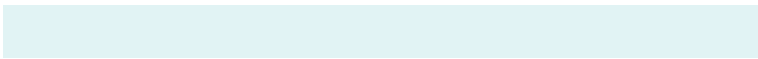
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 244, 236



232, 255, 245



225, 243, 244



110, 122, 117



0, 186, 108



0, 59, 34



# Inverse Universe

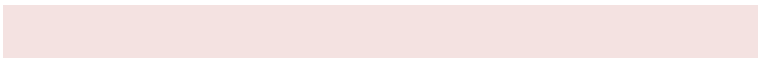
The Inverse Universe completely reimagines the original color for something new.



244, 225, 233



255, 232, 242



244, 226, 225



122, 110, 115



186, 0, 78

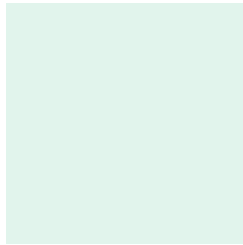


59, 0, 25



# Previews

## White Background



This preview shows how the RGB color 225, 244, 236 looks on a white background.

## Color Contrast Check

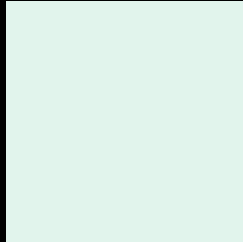
Large Text (above 18pt) WCAG AA × Fail

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 225, 244, 236 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

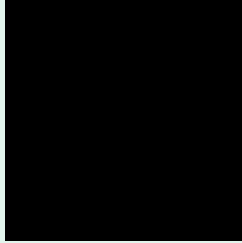
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

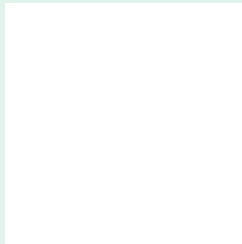
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 225, 244, 236 Background



This preview shows how black text looks on a background with the RGB color 225, 244, 236.



This preview shows how white text looks on a background with the RGB color 225, 244, 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

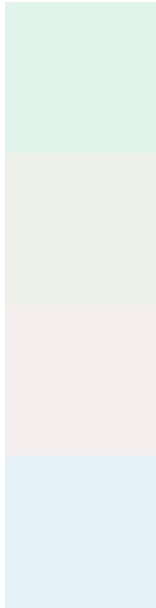




# Tritanopia

231, 240, 255

# Trichromacy



**Original Color**

225, 244, 236

**Protanomaly**

238, 240, 234

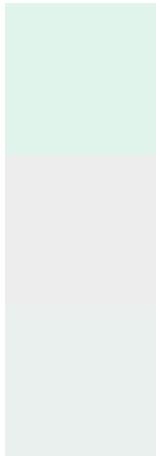
**Deuteranomaly**

244, 238, 238

**Tritanomaly**

229, 241, 248

# Monochromacy



**Original Color**

225, 244, 236

**Achromatopsia**

237, 237, 237

**Achromatomaly**

233, 240, 237

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 225, 244, 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(225, 244, 236)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 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(225, 244, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 236) }
```

## Border

The CSS property to change the border of an element to RGB 225, 244, 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(225, 244, 236) }
```

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

```
.border{ border-color:rgb(225, 244, 236) }
```

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

Here you see how a box with a 4 pixel rgb(225, 244, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 244, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 244, 236);  
box-shadow:4px 4px 4px 4px rgb(225, 244,  
236) }
```

# Background

The CSS property to change the background color of an element to RGB 225, 244, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 236) }
```

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

```
.background{ background-color: rgb(225,  
244, 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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