

Converting Colors

RGB(225, 239, 228)

Have a look what the booklet for
RGB(225, 239, 228) contains.

| | |
|--|----|
| RGB(225, 239, 228) | 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(225, 239, 228)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1EFE4 |
| RGB | 225, 239, 228 |
| RGB Percent | 88%, 94%, 89% |
| CMY | 0.1176, 0.0627, 0.1059 |
| CMYK | 0.06, 0.00, 0.05, 0.06 |
| HSL | 133°, 30%, 91% |
| HSV | 133°, 6%, 94% |
| XYZ | 75.9214, 83.3420, 85.4839 |
| YIQ | 233.5600, -4.8130, -6.3890 |

Conversions

Conversions Part 2

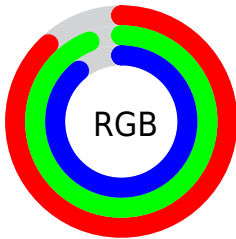
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 237, 239 |
| Decimal | 14807012 |
| CIE Lab | 93.16, -6.61, 3.71 |
| CIE LCh | 93, 7.582, 150.702 |
| Yxy | 83.3420, 0.3102, 0.3405 |
| Android (android.graphics.Color) | 4292997092 (0xFFE1EFE4) |
| YUV | 233.5600, -2.7411, -7.5071 |
| Hunter-Lab | 91.2918, -11.3140, 8.3863 |

Details

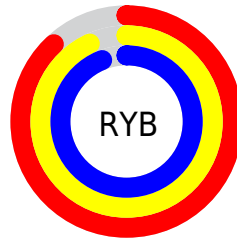
The RGB color **225, 239, 228** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 225, 236**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 183, 173** is the 20% darker color. If you saturate the color by 10%, you get **201, 239, 209**, and if you desaturate by 10%, it is **249, 239, 247**.

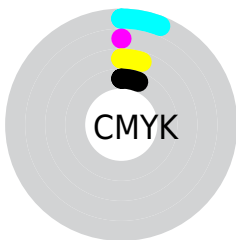
Distribution



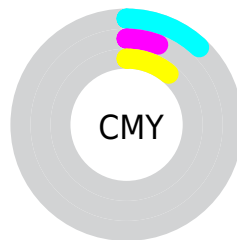
- Red (88%)
- Green (94%)
- Blue (89%)



- Red (88%)
- Yellow (93%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (12%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 239, 228 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, 239, 228 by changing the saturation by 10% instead.

■ 225, 239, 228

255, 255, 255

■ 225, 239, 228

■ 197, 211, 200

■ 170, 183, 173

■ 143, 156, 146

■ 118, 130, 120

■ 93, 105, 96

■ 69, 81, 72


■ 47, 58, 50

■ 26, 36, 29

■ 0, 15, 2

 225, 239, 228

 225, 239, 228

 201, 239, 209

 249, 239, 247

 177, 239, 190

 255, 239, 255

 153, 239, 172

 129, 239, 153

 105, 239, 134

 82, 239, 115

 58, 239, 97

 34, 239, 78

 10, 239, 59

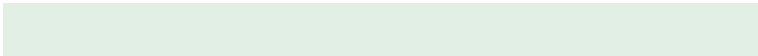
Harmonies

Analogous

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



233, 237, 223



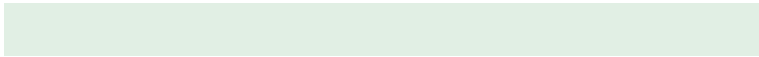
225, 239, 228



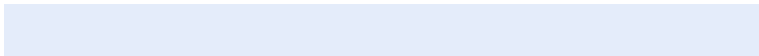
219, 240, 235

Triad

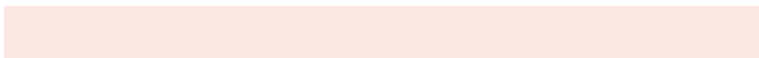
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 239, 228



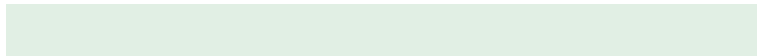
228, 236, 250



251, 231, 228

Complementary

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



225, 239, 228



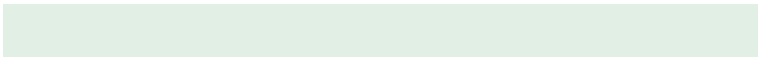
239, 225, 236

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.



250, 231, 235



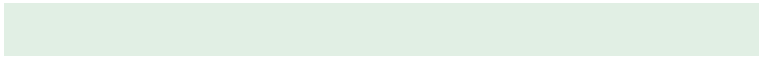
225, 239, 228



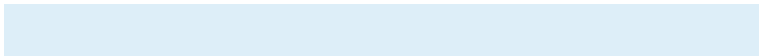
237, 233, 248

Square

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



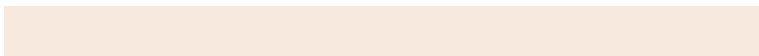
225, 239, 228



221, 238, 248



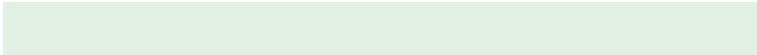
245, 231, 243



248, 233, 223

Rectangle

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



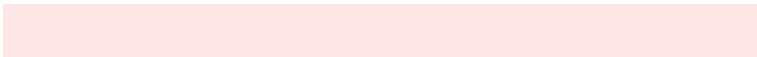
225, 239, 228



218, 240, 240



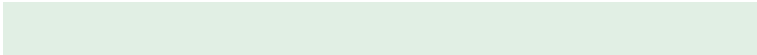
245, 231, 243



252, 231, 230

Sweetspot

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



225, 239, 228



250, 255, 251



236, 239, 225



125, 128, 125



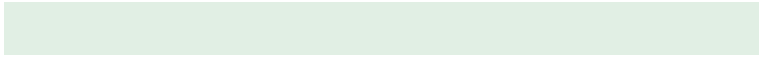
0, 0, 0



128, 128, 128

Same Dimension

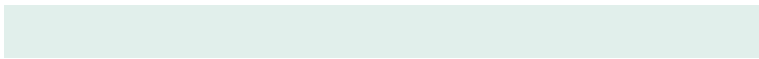
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 239, 228



237, 255, 241



225, 239, 235



110, 120, 112



0, 184, 39



0, 56, 12

Inverse Universe

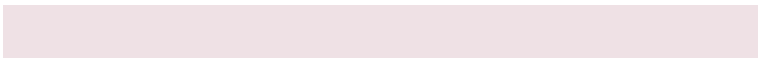
The Inverse Universe completely reimagines the original color for something new.



239, 225, 236



255, 237, 251



239, 225, 229



120, 110, 118



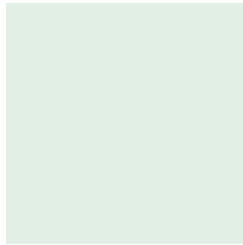
184, 0, 144



56, 0, 44

Previews

White Background



This preview shows how the RGB color 225, 239, 228 looks on a white background.

Color Contrast Check

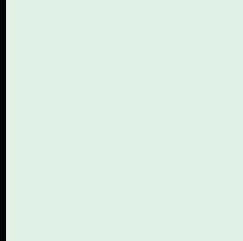
Large Text (above 18pt) WCAG AA × Fail

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, 239, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

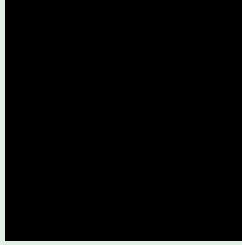
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

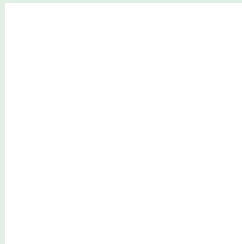
Any Text WCAG AAA ✓ Pass

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

RGB 225, 239, 228 Background



This preview shows how black text looks on a background with the RGB color 225, 239, 228.



This preview shows how white text looks on a background with the RGB color 225, 239, 228.

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](#).

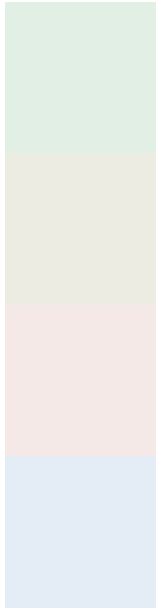
Dichromacy





Tritanopia
229, 235, 254

Trichromacy



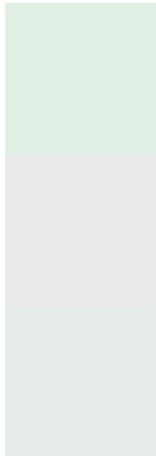
Original Color
225, 239, 228

Protanomaly
236, 236, 226

Deuteranomaly
244, 233, 230

Tritanomaly
228, 236, 245

Monochromacy



Original Color
225, 239, 228

Achromatopsia
234, 234, 234

Achromatomaly
231, 236, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 239, 228 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, 239, 228)` looks like.

```
.text, #text, p{  
    color:rgb(225, 239, 228)  
}
```

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, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 239, 228) }
```

Border

The CSS property to change the border of an element to RGB 225, 239, 228 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, 239, 228) }
```

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

```
.border{ border-color:rgb(225, 239, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 239, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 239, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 239, 228); box-shadow:4px 4px 4px 4px rgb(225, 239, 228) }
```

Background

The CSS property to change the background color of an element to RGB 225, 239, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 239, 228) }
```

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

```
.background{ background-color: rgb(225,  
239, 228) }
```

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