

# Converting Colors

RGB(229, 237, 222)

Have a look what the booklet for  
RGB(229, 237, 222) contains.

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# **Color**

**RGB(229, 237, 222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5EDDE
RGB	229, 237, 222
RGB Percent	90%, 93%, 87%
CMY	0.1020, 0.0706, 0.1294
CMYK	0.03, 0.00, 0.06, 0.07
HSL	92°, 29%, 90%
HSV	92°, 6%, 93%
XYZ	75.7821, 82.5003, 81.0373
YIQ	232.8980, 0.0470, -6.3610

# Conversions

## Conversions Part 2

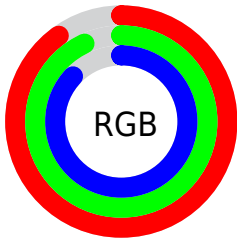
Format	Color
R <sub>Y</sub> B	222, 237, 230
Decimal	15068638
CIE Lab	92.80, -5.31, 6.33
CIE LCh	93, 8.261, 129.971
Yxy	82.5003, 0.3167, 0.3447
Android (android.graphics.Color)	4293258718 (0xFFE5EDDE)
YUV	232.8980, -5.3727, -3.4185
Hunter-Lab	90.8297, -10.0237, 10.6829

# Details

The RGB color **229, 237, 222** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **230, 222, 237**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 181, 167** is the 20% darker color. If you saturate the color by 10%, you get **216, 237, 198**, and if you desaturate by 10%, it is **242, 237, 246**.

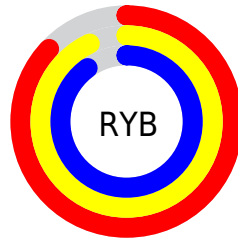
# Distribution



Red (90%)

Green (93%)

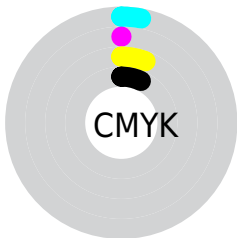
Blue (87%)



Red (87%)

Yellow (93%)

Blue (90%)

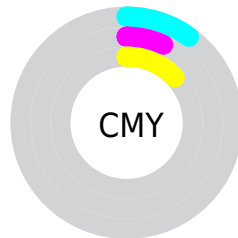


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 229, 237, 222 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 229, 237, 222 by changing the saturation by 10% instead.



■ 229, 237, 222

255, 255, 255

■ 229, 237, 222

■ 201, 209, 194

■ 174, 181, 167

■ 147, 154, 141

■ 121, 128, 115

■ 96, 103, 90

■ 73, 79, 67

■ 50, 56, 45

■ 29, 35, 24

■ 2, 14, 0

 229, 237, 222

 229, 237, 222

 216, 237, 198

 242, 237, 246

 204, 237, 175


 254, 237, 255


 191, 237, 151

 255, 237, 255


 178, 237, 127

 166, 237, 103

 153, 237, 80

 141, 237, 56

 128, 237, 32

 115, 237, 9

# Harmonies

## Analogous

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



238, 235, 219



229, 237, 222



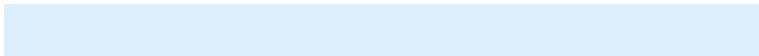
221, 239, 229

# Triad

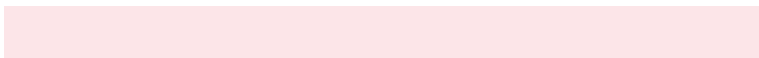
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 237, 222



221, 237, 249



252, 229, 232

# Complementary

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



229, 237, 222



230, 222, 237

# 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.



247, 230, 240



229, 237, 222



230, 234, 250

# Square

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



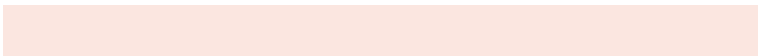
229, 237, 222



216, 238, 244



239, 231, 246



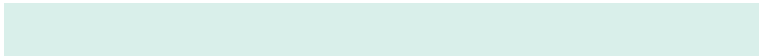
251, 230, 224

# Rectangle

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



229, 237, 222



217, 239, 234



239, 231, 246



251, 229, 235



# Sweetspot

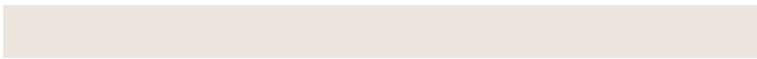
The Sweet Spot groups the original color and five complimentary colors.



229, 237, 222



252, 255, 250



237, 230, 222



126, 128, 125



0, 0, 0



128, 128, 128



# Same Dimension

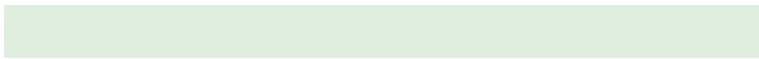
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 237, 222



244, 255, 235



222, 237, 222



111, 117, 106



84, 181, 0



25, 54, 0



# Inverse Universe

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



230, 222, 237



245, 235, 255



237, 222, 236



112, 106, 117



97, 0, 181

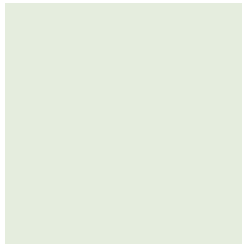


29, 0, 54



# Previews

## White Background



This preview shows how the RGB color 229, 237, 222 looks on a white background.

## Color Contrast Check

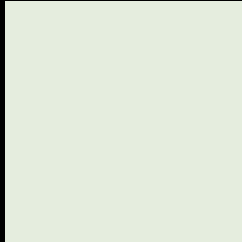
Large Text (above 18pt) WCAG AA × Fail

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 229, 237, 222 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

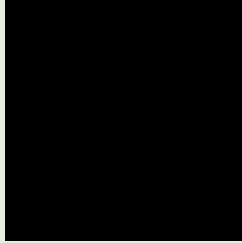
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

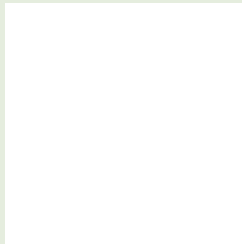
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 229, 237, 222 Background



This preview shows how black text looks on a background with the RGB color 229, 237, 222.



This preview shows how white text looks on a background with the RGB color 229, 237, 222.

# 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](#).

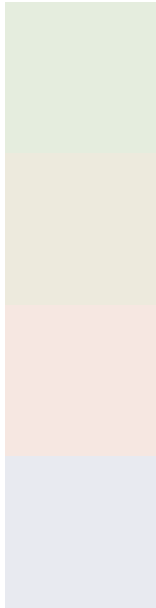
## Dichromacy





**Tritanopia**  
233, 233, 251

# Trichromacy



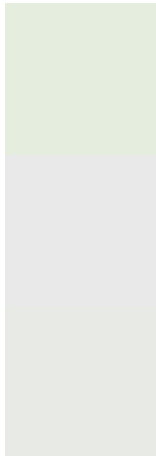
**Original Color**  
229, 237, 222

**Protanomaly**  
237, 234, 221

**Deuteranomaly**  
246, 231, 225

**Tritanomaly**  
232, 234, 240

# Monochromacy



**Original Color**  
229, 237, 222

**Achromatopsia**  
233, 233, 233

**Achromatomaly**  
232, 234, 229

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 229, 237, 222 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(229, 237, 222)` looks like.

```
.text, #text, p{  
    color:rgb(229, 237, 222)  
}
```

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(229, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 237, 222) }
```

## Border

The CSS property to change the border of an element to RGB 229, 237, 222 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(229, 237, 222) }
```

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

```
.border{ border-color:rgb(229, 237, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 237, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(229, 237,  
222) }
```

# Background

The CSS property to change the background color of an element to RGB 229, 237, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 237, 222) }
```

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

```
.background{ background-color: rgb(229,  
237, 222) }
```

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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