

Converting Colors

RGB(232, 237, 221)

Have a look what the booklet for
RGB(232, 237, 221) contains.

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Color

RGB(232, 237, 221)

Conversions

Conversions Part 1

Format	Color
Hex	E8EDDD
RGB	232, 237, 221
RGB Percent	91%, 93%, 87%
CMY	0.0902, 0.0706, 0.1333
CMYK	0.02, 0.00, 0.07, 0.07
HSL	79°, 31%, 90%
HSV	79°, 7%, 93%
XYZ	76.6140, 82.9446, 80.3785
YIQ	233.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

Format	Color
R _Y B	221, 237, 226
Decimal	15265245
CIE Lab	92.99, -4.46, 7.16
CIE LCh	93, 8.433, 121.901
Yxy	82.9446, 0.3193, 0.3457
Android (android.graphics.Color)	4293455325 (0xFFE8EDDD)
YUV	233.6810, -6.2517, -1.4742
Hunter-Lab	91.0739, -9.2200, 11.4246

Details

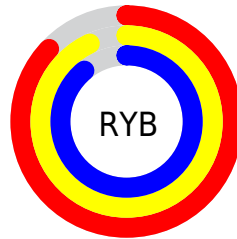
The RGB color **232, 237, 221** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **226, 221, 237**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 181, 166** is the 20% darker color. If you saturate the color by 10%, you get **225, 237, 197**, and if you desaturate by 10%, it is **239, 237, 245**.

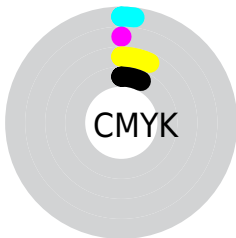
Distribution



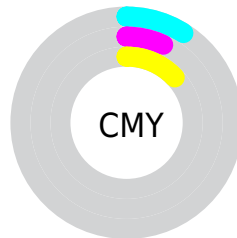
- Red (91%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 237, 221 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 232, 237, 221 by changing the saturation by 10% instead.

■ 232, 237, 221

255, 255, 255

■ 232, 237, 221

■ 204, 209, 193

■ 176, 181, 166

■ 150, 154, 140

■ 124, 128, 114

■ 99, 103, 90

■ 75, 79, 66

■ 52, 56, 44

■ 31, 35, 24

■ 5, 14, 0

 232, 237, 221

 232, 237, 221

 225, 237, 197

 239, 237, 245

 217, 237, 174

 247, 237, 255


 210, 237, 150


 254, 237, 255

 202, 237, 126

 255, 237, 255

 195, 237, 102

 188, 237, 79

 180, 237, 55

 173, 237, 31

 165, 237, 8

Harmonies

Analogous

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



241, 234, 219



232, 237, 221



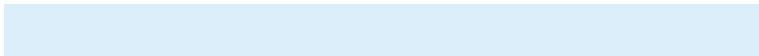
223, 239, 227

Triad

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



232, 237, 221



219, 238, 249



252, 230, 235

Complementary

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



232, 237, 221



226, 221, 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.



246, 230, 243



232, 237, 221



227, 235, 251

Square

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



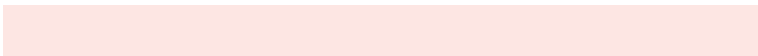
232, 237, 221



215, 239, 243



237, 233, 249



253, 230, 227

Rectangle

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



232, 237, 221



218, 240, 232



237, 233, 249



250, 230, 237

Sweetspot

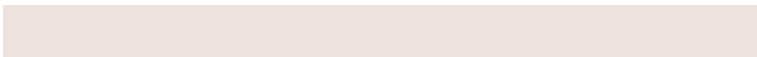
The Sweet Spot groups the original color and five complimentary colors.



232, 237, 221



253, 255, 250



237, 226, 221



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

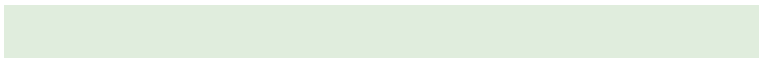
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 237, 221



249, 255, 235



224, 237, 221



114, 117, 106



124, 181, 0



37, 54, 0

Inverse Universe

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



226, 221, 237



241, 235, 255



234, 221, 237



109, 106, 117



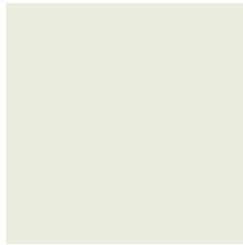
57, 0, 181



17, 0, 54

Previews

White Background



This preview shows how the RGB color 232, 237, 221 looks on a white background.

Color Contrast Check

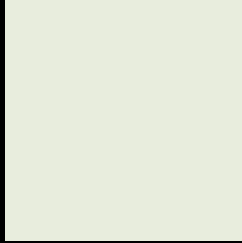
Large Text (above 18pt) WCAG AA × Fail

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 232, 237, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

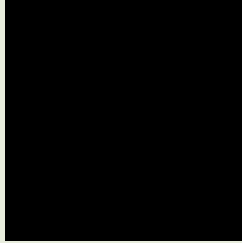
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

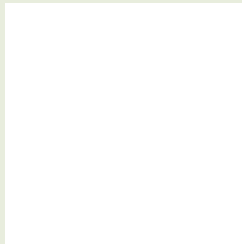
Any Text WCAG AAA ✓ Pass

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

RGB 232, 237, 221 Background



This preview shows how black text looks on a background with the RGB color 232, 237, 221.

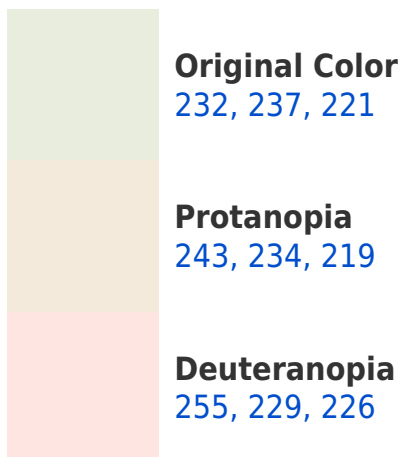


This preview shows how white text looks on a background with the RGB color 232, 237, 221.

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](#).

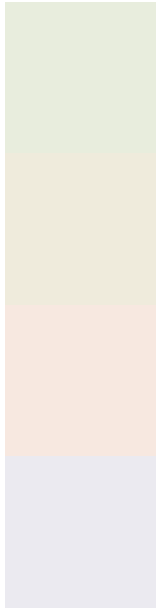
Dichromacy





Tritanopia
237, 233, 251

Trichromacy



Original Color

232, 237, 221

Protanomaly

239, 235, 220

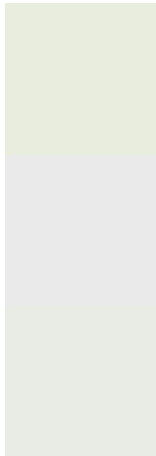
Deuteranomaly

247, 232, 224

Tritanomaly

235, 234, 240

Monochromacy



Original Color

232, 237, 221

Achromatopsia

234, 234, 234

Achromatomaly

233, 235, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 237, 221 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(232, 237, 221)` looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 221)  
}
```

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(232, 237, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 221) }
```

Border

The CSS property to change the border of an element to RGB 232, 237, 221 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(232, 237, 221) }
```

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

```
.border{ border-color:rgb(232, 237, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 237, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 221);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 232, 237, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 221) }
```

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

```
.background{ background-color: rgb(232,  
237, 221) }
```

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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