

Converting Colors

RGB(227, 229, 212)

Have a look what the booklet for
RGB(227, 229, 212) contains.

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Color

RGB(227, 229, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E3E5D4
RGB	227, 229, 212
RGB Percent	89%, 90%, 83%
CMY	0.1098, 0.1020, 0.1686
CMYK	0.01, 0.00, 0.07, 0.10
HSL	67°, 25%, 86%
HSV	67°, 7%, 90%
XYZ	71.5815, 77.1230, 73.4008
YIQ	226.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

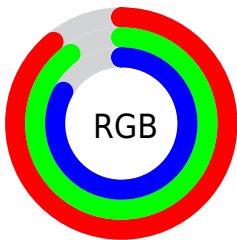
Format	Color
R _Y B	212, 229, 214
Decimal	14935508
CIE Lab	90.38, -3.62, 8.05
CIE LCh	90, 8.821, 114.214
Yxy	77.1230, 0.3223, 0.3472
Android (android.graphics.Color)	4293125588 (0xFFE3E5D4)
YUV	226.4640, -7.1308, 0.4701
Hunter-Lab	87.8197, -8.1897, 11.9184

Details

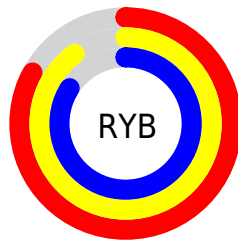
The RGB color **227, 229, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 212, 229**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 174, 157** is the 20% darker color. If you saturate the color by 10%, you get **224, 229, 189**, and if you desaturate by 10%, it is **230, 229, 235**.

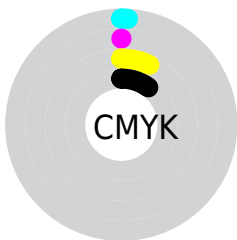
Distribution



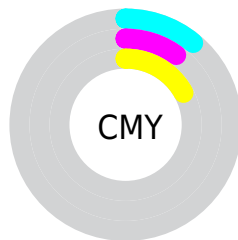
- Red (89%)
- Green (90%)
- Blue (83%)



- Red (83%)
- Yellow (90%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 229, 212 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 227, 229, 212 by changing the saturation by 10% instead.

■ 227, 229, 212

255, 255, 255

■ 227, 229, 212

■ 199, 201, 184

■ 172, 174, 157

■ 145, 147, 131

■ 119, 121, 106

■ 95, 97, 82

■ 71, 73, 59

■ 48, 50, 37

■ 28, 29, 17

■ 0, 3, 0

 227, 229, 212

 227, 229, 212

 224, 229, 189

 230, 229, 235

 222, 229, 166

 232, 229, 255

 219, 229, 143


 235, 229, 255

 216, 229, 120

 238, 229, 255

 214, 229, 98

 240, 229, 255

 211, 229, 75

 243, 229, 255

 208, 229, 52

 246, 229, 255

 205, 229, 29

 249, 229, 255

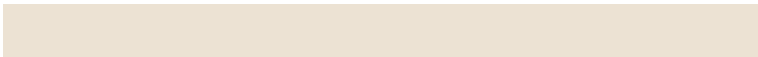
 203, 229, 6

 251, 229, 255

Harmonies

Analogous

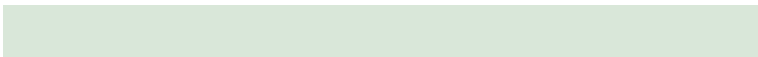
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 226, 211



227, 229, 212



217, 231, 217

Triad

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



227, 229, 212



209, 231, 241



244, 222, 229

Complementary

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



227, 229, 212



214, 212, 229

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.



237, 223, 237



227, 229, 212



217, 229, 244

Square

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



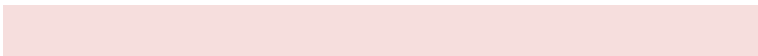
227, 229, 212



207, 232, 234



227, 226, 243



246, 222, 221

Rectangle

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



227, 229, 212



212, 232, 223



227, 226, 243



242, 222, 232

Sweetspot

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



227, 229, 212



254, 255, 250



229, 214, 212



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



227, 229, 212



252, 255, 232



219, 229, 212



113, 115, 103



157, 179, 0



45, 51, 0

Inverse Universe

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



214, 212, 229



235, 232, 255



222, 212, 229



105, 103, 115



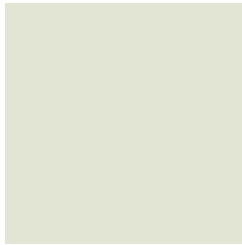
21, 0, 179



6, 0, 51

Previews

White Background



This preview shows how the RGB color 227, 229, 212 looks on a white background.

Color Contrast Check

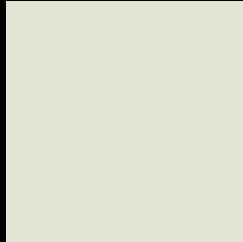
Large Text (above 18pt) WCAG AA × Fail

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 227, 229, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

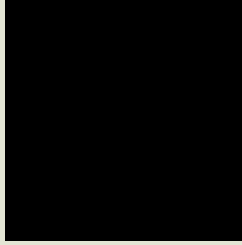
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

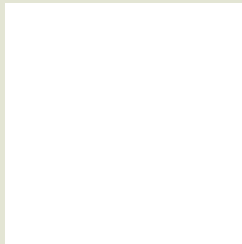
Any Text WCAG AAA ✓ Pass

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

RGB 227, 229, 212 Background



This preview shows how black text looks on a background with the RGB color 227, 229, 212.



This preview shows how white text looks on a background with the RGB color 227, 229, 212.

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

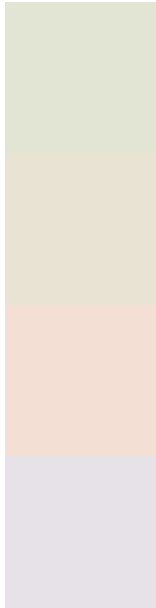




Tritanopia

231, 225, 242

Trichromacy



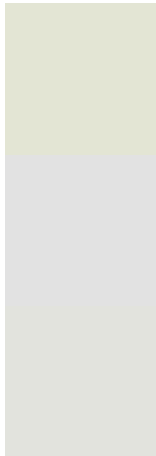
Original Color
227, 229, 212

Protanomaly
232, 227, 211

Deuteranomaly
244, 223, 213

Tritanomaly
230, 226, 231

Monochromacy



Original Color
227, 229, 212

Achromatopsia
226, 226, 226

Achromatomaly
226, 227, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 229, 212 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(227, 229, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 212)  
}
```

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(227, 229, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 212) }
```

Border

The CSS property to change the border of an element to RGB 227, 229, 212 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(227, 229, 212) }
```

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

```
.border{ border-color:rgb(227, 229, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 227, 229, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 212) }
```

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

```
.background{ background-color: rgb(227,  
229, 212) }
```

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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