

Converting Colors

RGB(229, 225, 222)

Have a look what the booklet for
RGB(229, 225, 222) contains.

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Color

RGB(229, 225, 222)

Conversions

Conversions Part 1

Format	Color
Hex	E5E1DE
RGB	229, 225, 222
RGB Percent	90%, 88%, 87%
CMY	0.1020, 0.1176, 0.1294
CMYK	0.00, 0.02, 0.03, 0.10
HSL	26°, 12%, 88%
HSV	26°, 3%, 90%
XYZ	72.4231, 75.7824, 79.9176
YIQ	225.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

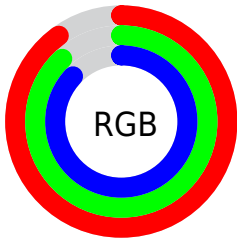
Format	Color
R_{YB}	229, 227, 222
Decimal	15065566
CIE Lab	89.76, 0.83, 1.93
CIE LCh	90, 2.104, 66.757
Yxy	75.7824, 0.3175, 0.3322
Android (android.graphics.Color)	4293255646 (0xFFE5E1DE)
YUV	225.8540, -1.9000, 2.7590
Hunter-Lab	87.0531, -3.8412, 6.5070

Details

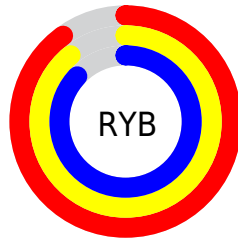
The RGB color **229, 225, 222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 226, 229**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 170, 167** is the 20% darker color. If you saturate the color by 10%, you get **229, 212, 199**, and if you desaturate by 10%, it is **229, 238, 245**.

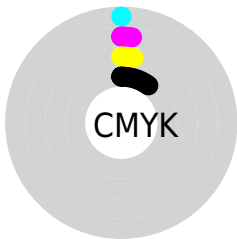
Distribution



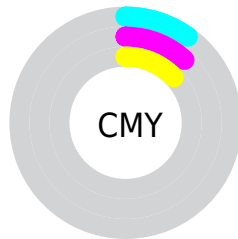
- Red (90%)
- Green (88%)
- Blue (87%)



- Red (90%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 225, 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, 225, 222 by changing the saturation by 10% instead.

■ 229, 225, 222

255, 255, 255

■ 229, 225, 222

■ 201, 197, 194

■ 174, 170, 167

■ 147, 143, 141

■ 121, 118, 115

■ 96, 93, 91

■ 73, 70, 67

■ 50, 47, 45

■ 29, 27, 24


■ 0, 0, 0

 229, 225, 222

 229, 225, 222

 229, 212, 199


 229, 238, 245

 229, 199, 176


 229, 251, 255


 229, 186, 153


 229, 255, 255

 229, 173, 130

 229, 160, 108

 229, 146, 85

 229, 133, 62

 229, 120, 39

 229, 107, 16

Harmonies

Analogous

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



230, 225, 223



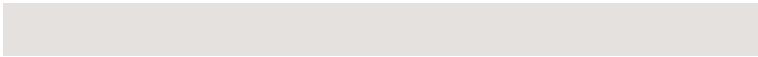
229, 225, 222



227, 226, 222

Triad

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



229, 225, 222



221, 227, 226



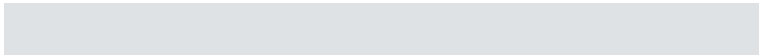
227, 225, 229

Complementary

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



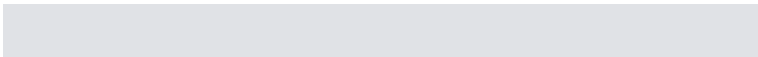
229, 225, 222



222, 226, 229

Split Complementary

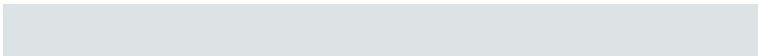
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 226, 230



229, 225, 222



221, 227, 228

Square

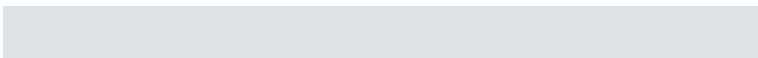
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



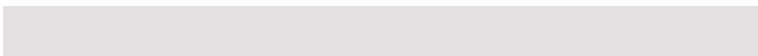
229, 225, 222



222, 227, 224



222, 226, 229



229, 225, 227

Rectangle

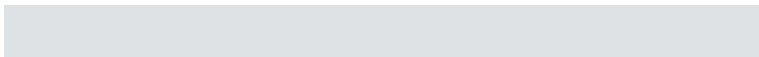
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



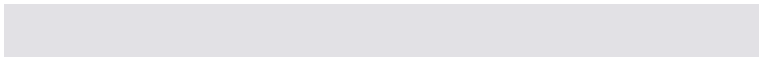
229, 225, 222



225, 226, 222



222, 226, 229



226, 225, 229

Sweetspot

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



229, 225, 222



255, 254, 252



229, 222, 226



128, 127, 126



0, 0, 0



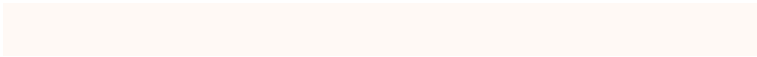
128, 128, 128

Same Dimension

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



229, 225, 222



255, 249, 245



229, 228, 222



115, 111, 109



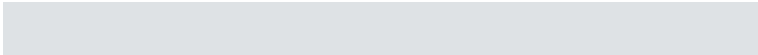
179, 76, 0



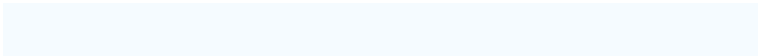
51, 22, 0

Inverse Universe

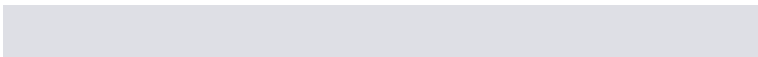
The Inverse Universe completely reimagines the original color for something new.



222, 226, 229



245, 251, 255



222, 223, 229



109, 112, 115



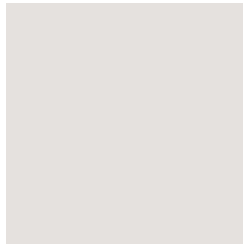
0, 102, 179



0, 29, 51

Previews

White Background



This preview shows how the RGB color 229, 225, 222 looks on a white background.

Color Contrast Check

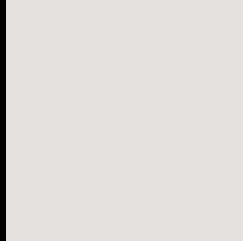
Large Text (above 18pt) WCAG AA × Fail

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, 225, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

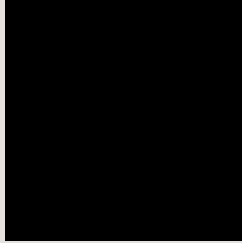
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

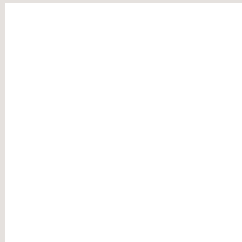
Any Text WCAG AAA ✓ Pass

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

RGB 229, 225, 222 Background



This preview shows how black text looks on a background with the RGB color 229, 225, 222.



This preview shows how white text looks on a background with the RGB color 229, 225, 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

	Original Color 229 , 225 , 222
	Protanopia 230 , 225 , 222
	Deuteranopia 248 , 218 , 223



Tritanopia

232, 222, 240

Trichromacy



Original Color

229, 225, 222

Protanomaly

230, 225, 222

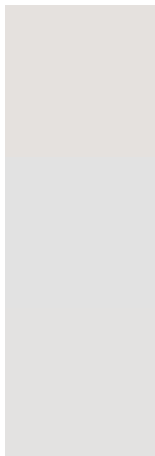
Deuteranomaly

241, 221, 223

Tritanomaly

231, 223, 233

Monochromacy



Original Color

229, 225, 222

Achromatopsia

226, 226, 226

Achromatomaly

227, 226, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 225, 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, 225, 222)` looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 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, 225, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 222) }
```

Border

The CSS property to change the border of an element to RGB 229, 225, 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, 225, 222) }
```

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

```
.border{ border-color:rgb(229, 225, 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, 225, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 222);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 229, 225, 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, 225, 222) }
```

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

```
.background{ background-color: rgb(229,  
225, 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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