

Converting Colors

RGB(227, 225, 222)

Have a look what the booklet for
RGB(227, 225, 222) contains.

RGB(227, 225, 222)	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(227, 225, 222)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1DE
RGB	227, 225, 222
RGB Percent	89%, 88%, 87%
CMY	0.1098, 0.1176, 0.1294
CMYK	0.00, 0.01, 0.02, 0.11
HSL	36°, 8%, 88%
HSV	36°, 2%, 89%
XYZ	71.7886, 75.4552, 79.8879
YIQ	225.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

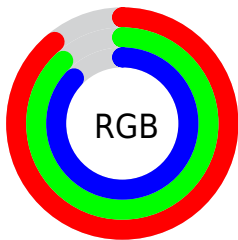
Format	Color
RYB	225, 227, 222
Decimal	14934494
CIELab	89.61, 0.15, 1.69
CIELCh	90, 1.699, 84.956
Yxy	75.4552, 0.3161, 0.3322
Android (android.graphics.Color)	4293124574 (0xFFE3E1DE)
YUV	225.2560, -1.6052, 1.5295
Hunter-Lab	86.8650, -4.4944, 6.2777

Details

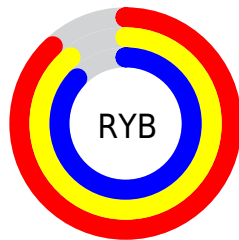
The RGB color **227, 225, 222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 224, 227**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 170, 167** is the 20% darker color. If you saturate the color by 10%, you get **227, 216, 199**, and if you desaturate by 10%, it is **227, 234, 245**.

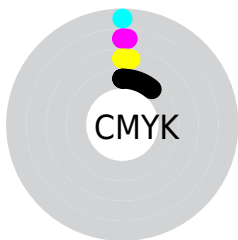
Distribution



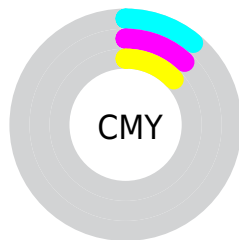
- Red (89%)
- Green (88%)
- Blue (87%)



- Red (88%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 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 227, 225, 222 by changing the saturation by 10% instead.

■ 227, 225, 222

255, 255, 255

■ 227, 225, 222

■ 199, 197, 194

■ 172, 170, 167

■ 145, 143, 141

■ 119, 118, 115

■ 95, 93, 91

■ 71, 70, 67

■ 49, 47, 45

■ 28, 27, 24

■ 0, 0, 0

 227, 225, 222


 227, 225, 222

 227, 216, 199

 227, 234, 245

 227, 207, 177


 227, 243, 255

 227, 198, 154

 227, 252, 255

 227, 189, 131

 227, 255, 255

 227, 180, 109

 227, 171, 86

 227, 161, 63

 227, 152, 40

 227, 143, 18

Harmonies

Analogous

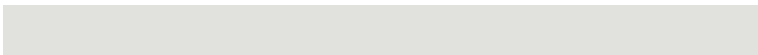
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 225, 223



227, 225, 222



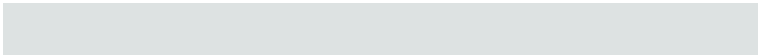
225, 226, 222

Triad

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



227, 225, 222



221, 226, 226



227, 224, 227

Complementary

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



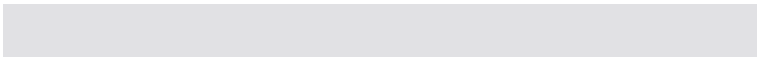
227, 225, 222



222, 224, 227

Split Complementary

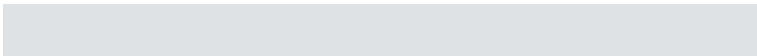
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 225, 228



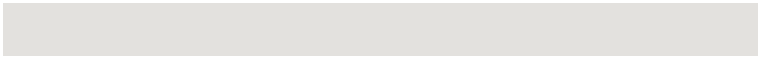
227, 225, 222



222, 226, 228

Square

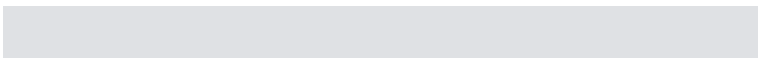
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



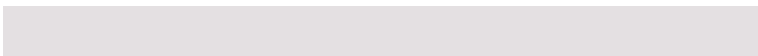
227, 225, 222



222, 226, 225



223, 225, 228



228, 224, 226

Rectangle

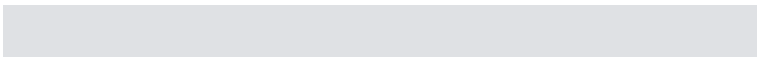
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 225, 222



224, 226, 223



223, 225, 228



227, 225, 228

Sweetspot

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



227, 225, 222



255, 254, 252



227, 222, 224



128, 127, 126



0, 0, 0



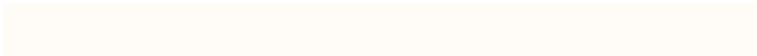
128, 128, 128

Same Dimension

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



227, 225, 222



255, 252, 247



227, 227, 222



115, 113, 110



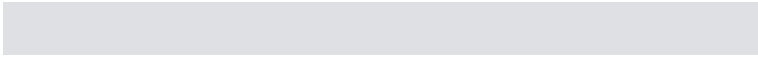
179, 107, 0



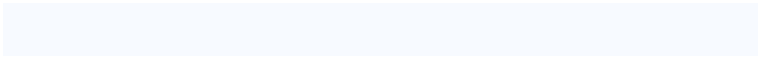
51, 31, 0

Inverse Universe

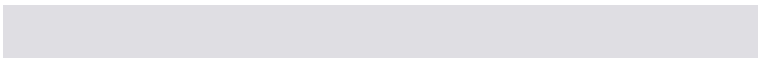
The Inverse Universe completely reimagines the original color for something new.



222, 224, 227



247, 250, 255



223, 222, 227



110, 112, 115



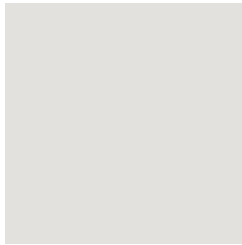
0, 71, 179



0, 20, 51

Previews

White Background



This preview shows how the RGB color 227, 225, 222 looks on a white background.

Color Contrast Check

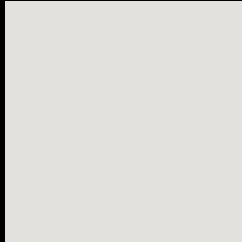
Large Text (above 18pt) WCAG AA × Fail

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 227, 225, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

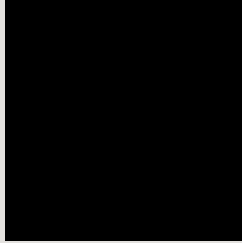
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

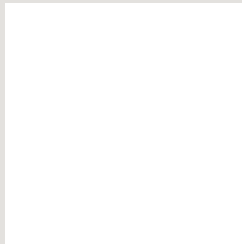
Any Text WCAG AAA ✓ Pass

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

RGB 227, 225, 222 Background



This preview shows how black text looks on a background with the RGB color 227, 225, 222.

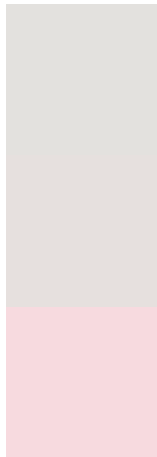


This preview shows how white text looks on a background with the RGB color 227, 225, 222.

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
[227](#), [225](#), [222](#)

Protanopia
[230](#), [224](#), [222](#)

Deuteranopia
[247](#), [218](#), [223](#)



Tritanopia
230, 222, 240

Trichromacy



Original Color

227, 225, 222

Protanomaly

229, 224, 222

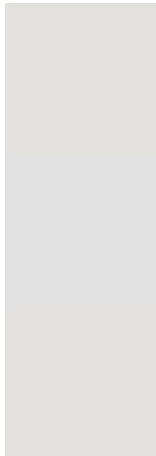
Deuteranomaly

240, 221, 223

Tritanomaly

229, 223, 233

Monochromacy



Original Color

227, 225, 222

Achromatopsia

225, 225, 225

Achromatomaly

226, 225, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 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(227, 225, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 225, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 222) }
```

Border

The CSS property to change the border of an element to RGB 227, 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(227, 225, 222) }
```

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

```
.border{ border-color:rgb(227, 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(227, 225, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 227, 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(227, 225, 222) }
```

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

```
.background{ background-color: rgb(227,  
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](#).

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