

Converting Colors

RGB(227, 226, 225)

Have a look what the booklet for
RGB(227, 226, 225) contains.

RGB(227, 226, 225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

RGB(227, 226, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E3E2E1
RGB	227, 226, 225
RGB Percent	89%, 89%, 88%
CMY	0.1098, 0.1137, 0.1176
CMYK	0.00, 0.00, 0.01, 0.11
HSL	30°, 3%, 89%
HSV	30°, 1%, 89%
XYZ	72.4655, 76.1598, 82.1151
YIQ	226.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

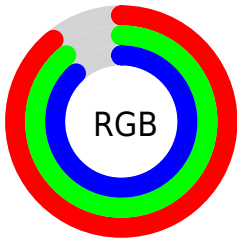
Format	Color
R_{YB}	227, 227, 225
Decimal	14934753
CIE Lab	89.93, 0.16, 0.60
CIE LCh	90, 0.619, 74.660
Yxy	76.1598, 0.3141, 0.3301
Android (android.graphics.Color)	4293124833 (0xFFE3E2E1)
YUV	226.1850, -0.5842, 0.7148
Hunter-Lab	87.2696, -4.5019, 5.3006

Details

The RGB color **227, 226, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 226, 227**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 171, 170** is the 20% darker color. If you saturate the color by 10%, you get **227, 215, 202**, and if you desaturate by 10%, it is **227, 237, 248**.

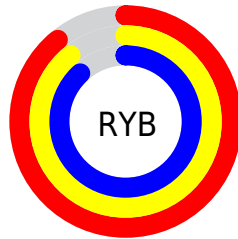
Distribution



Red (89%)

Green (89%)

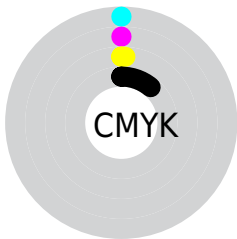
Blue (88%)



Red (89%)

Yellow (89%)

Blue (88%)

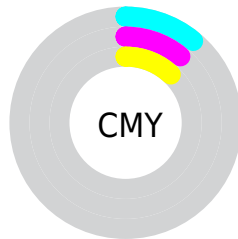


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 226, 225 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, 226, 225 by changing the saturation by 10% instead.

■ 227, 226, 225

255, 255, 255

■ 227, 226, 225

■ 199, 198, 197

■ 172, 171, 170

■ 145, 144, 143

■ 120, 119, 118

■ 95, 94, 93

■ 71, 70, 70

■ 49, 48, 47

■ 28, 27, 27

■ 0, 0, 0

 227, 226, 225

 227, 226, 225

 227, 215, 202


 227, 237, 248


 227, 203, 180

 227, 249, 255

 227, 192, 157

 227, 255, 255

 227, 181, 134

 227, 169, 112

 227, 158, 89

 227, 147, 66

 227, 135, 43

 227, 124, 21

Harmonies

Analogous

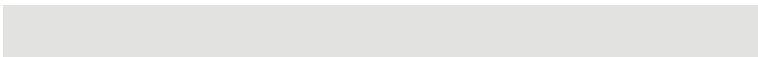
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 226, 225



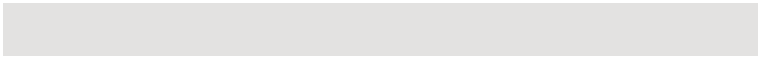
227, 226, 225



226, 226, 225

Triad

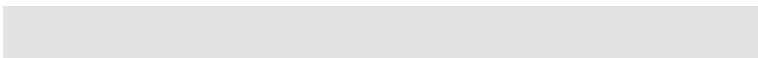
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 226, 225



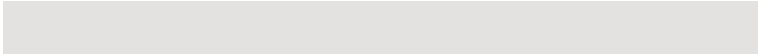
225, 227, 226



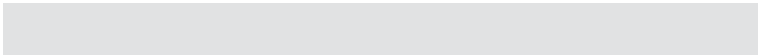
227, 226, 227

Complementary

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



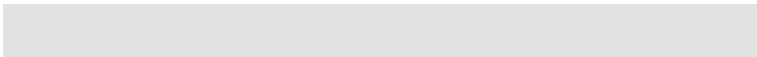
227, 226, 225



225, 226, 227

Split Complementary

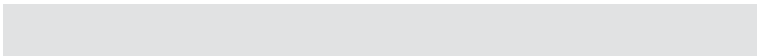
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 226, 227



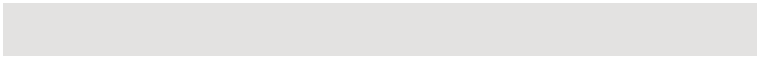
227, 226, 225



225, 226, 227

Square

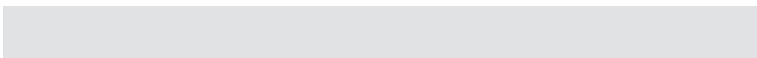
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



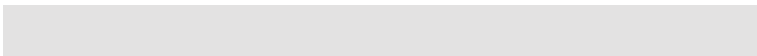
227, 226, 225



225, 226, 226



225, 226, 227



227, 226, 226

Rectangle

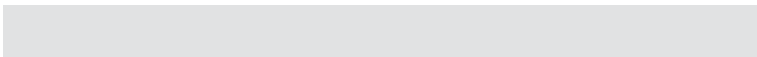
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 226, 225



226, 226, 225



225, 226, 227



226, 226, 227

Sweetspot

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



227, 226, 225

255, 255, 255



227, 225, 226



128, 128, 128



0, 0, 0

Same Dimension

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



227, 226, 225



255, 254, 252



227, 227, 225



115, 114, 114



179, 89, 0



51, 26, 0

Inverse Universe

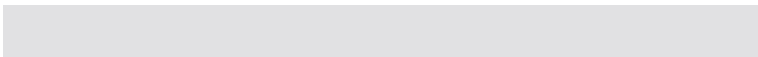
The Inverse Universe completely reimagines the original color for something new.



225, 226, 227



252, 254, 255



225, 225, 227



114, 114, 115



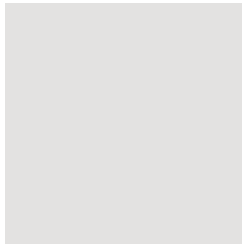
0, 89, 179



0, 26, 51

Previews

White Background



This preview shows how the RGB color 227, 226, 225 looks on a white background.

Color Contrast Check

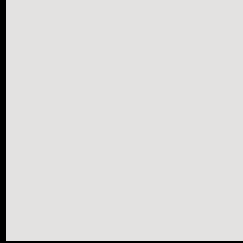
Large Text (above 18pt) WCAG AA × Fail

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, 226, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

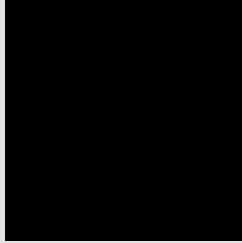
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

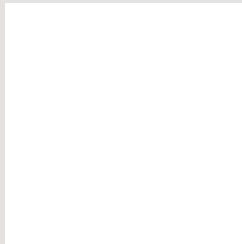
Any Text WCAG AAA ✓ Pass

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

RGB 227, 226, 225 Background



This preview shows how black text looks on a background with the RGB color 227, 226, 225.

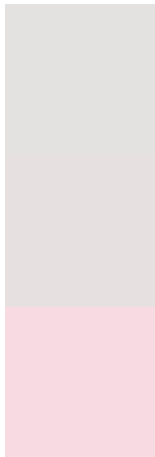


This preview shows how white text looks on a background with the RGB color 227, 226, 225.

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, 226, 225

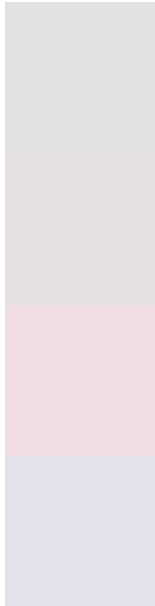
Protanopia
230, 225, 224

Deuteranopia
248, 219, 226



Tritanopia
229, 224, 241

Trichromacy



Original Color

227, 226, 225

Protanomaly

229, 225, 224

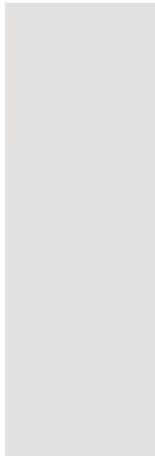
Deuteranomaly

240, 222, 226

Tritanomaly

228, 225, 235

Monochromacy



Original Color

227, 226, 225

Achromatopsia

226, 226, 226

Achromatomaly

226, 226, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 226, 225 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, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 225)  
}
```

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, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 225) }
```

Border

The CSS property to change the border of an element to RGB 227, 226, 225 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, 226, 225) }
```

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

```
.border{ border-color:rgb(227, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 227, 226, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 225) }
```

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

```
.background{ background-color: rgb(227,  
226, 225) }
```

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