

Converting Colors

RGB(231, 225, 227)

Have a look what the booklet for
RGB(231, 225, 227) contains.

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Color

RGB(231, 225, 227)

Conversions

Conversions Part 1

Format	Color
Hex	E7E1E3
RGB	231, 225, 227
RGB Percent	91%, 88%, 89%
CMY	0.0941, 0.1176, 0.1098
CMYK	0.00, 0.03, 0.02, 0.09
HSL	340°, 11%, 89%
HSV	340°, 3%, 91%
XYZ	73.7453, 76.3854, 83.5301
YIQ	227.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

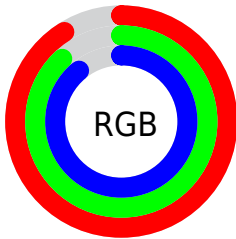
Format	Color
R_{YB}	231, 225, 227
Decimal	15196643
CIE Lab	90.04, 2.39, -0.26
CIE LCh	90, 2.401, 353.713
Yxy	76.3854, 0.3156, 0.3269
Android (android.graphics.Color)	4293386723 (0xFFE7E1E3)
YUV	227.0220, -0.0108, 3.4887
Hunter-Lab	87.3987, -2.3330, 4.5135

Details

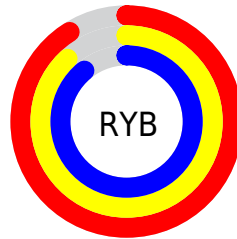
The RGB color **231, 225, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 231, 229**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 170, 172** is the 20% darker color. If you saturate the color by 10%, you get **231, 202, 212**, and if you desaturate by 10%, it is **231, 248, 242**.

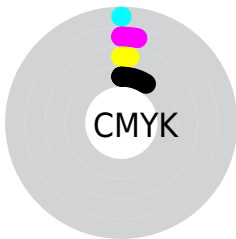
Distribution



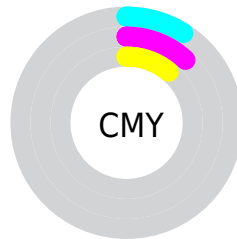
- Red (91%)
- Green (88%)
- Blue (89%)



- Red (91%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 225, 227 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 231, 225, 227 by changing the saturation by 10% instead.

■ 231, 225, 227

255, 255, 255

■ 231, 225, 227

■ 203, 197, 199

■ 175, 170, 172

■ 149, 143, 145

■ 123, 118, 120

■ 98, 93, 95

■ 74, 70, 71


■ 52, 47, 49


■ 31, 26, 28


■ 6, 0, 1

 231, 225, 227


 231, 225, 227


 231, 202, 212


 231, 248, 242


 231, 179, 196


 231, 255, 255


 231, 156, 181


 231, 133, 165

 231, 110, 150

 231, 86, 135

 231, 63, 119

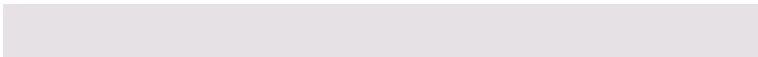
 231, 40, 104

 231, 17, 88

Harmonies

Analogous

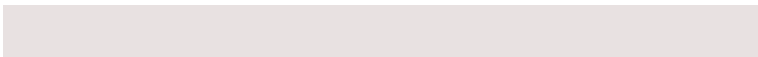
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 225, 229



231, 225, 227



232, 225, 225

Triad

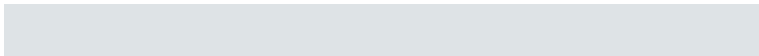
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 225, 227



226, 227, 222



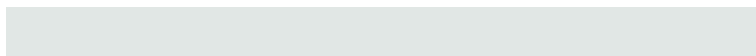
222, 227, 230

Complementary

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



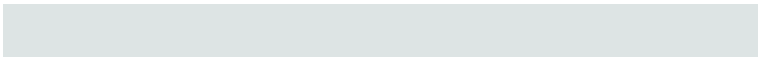
231, 225, 227



225, 231, 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.



221, 228, 228



231, 225, 227



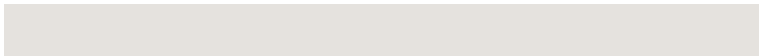
224, 228, 224

Square

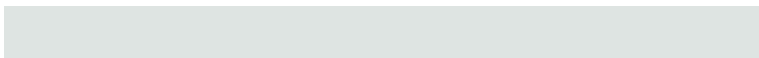
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



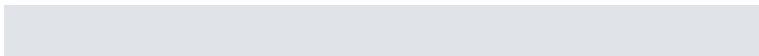
231, 225, 227



229, 226, 222



222, 228, 226



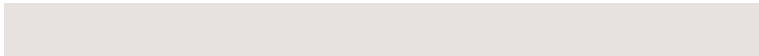
224, 227, 231

Rectangle

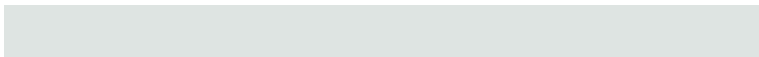
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



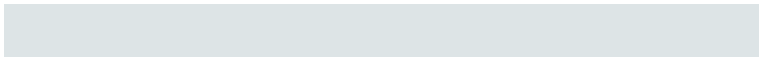
231, 225, 227



231, 225, 223



222, 228, 226



221, 228, 230

Sweetspot

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



231, 225, 227



255, 252, 253



229, 225, 231



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

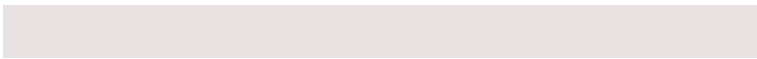
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 225, 227



255, 247, 250



231, 226, 225



115, 110, 112



179, 0, 59



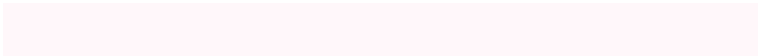
51, 0, 17

Inverse Universe

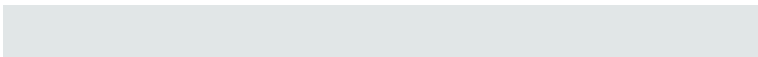
The Inverse Universe completely reimagines the original color for something new.



231, 225, 227



255, 247, 250



225, 230, 231



115, 110, 112



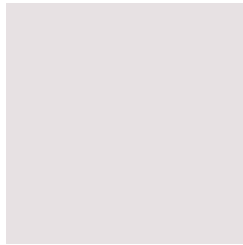
179, 0, 59



51, 0, 17

Previews

White Background



This preview shows how the RGB color 231, 225, 227 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 231, 225, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

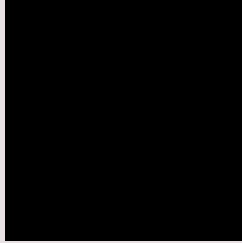
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

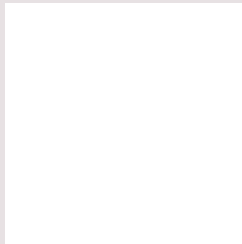
Any Text WCAG AAA ✓ Pass

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

RGB 231, 225, 227 Background



This preview shows how black text looks on a background with the RGB color 231, 225, 227.

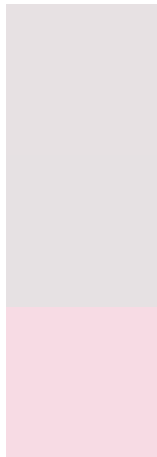


This preview shows how white text looks on a background with the RGB color 231, 225, 227.

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
[231](#), [225](#), [227](#)

Protanopia
[230](#), [225](#), [227](#)

Deuteranopia
[247](#), [219](#), [228](#)



Tritanopia
233, 223, 240

Trichromacy



Original Color

231, 225, 227

Protanomaly

230, 225, 227

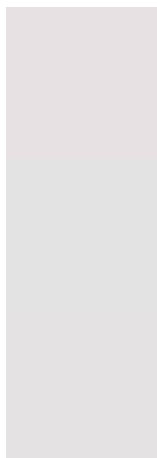
Deuteranomaly

241, 221, 228

Tritanomaly

232, 224, 235

Monochromacy



Original Color

231, 225, 227

Achromatopsia

227, 227, 227

Achromatomaly

228, 226, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 225, 227 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(231, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 227)  
}
```

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(231, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 227) }
```

Border

The CSS property to change the border of an element to RGB 231, 225, 227 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(231, 225, 227) }
```

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

```
.border{ border-color:rgb(231, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 231, 225, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 227) }
```

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

```
.background{ background-color: rgb(231,  
225, 227) }
```

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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