

Converting Colors

RGB(233, 227, 229)

Have a look what the booklet for
RGB(233, 227, 229) contains.

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Color

RGB(233, 227, 229)

Conversions

Conversions Part 1

Format	Color
Hex	E9E3E5
RGB	233, 227, 229
RGB Percent	91%, 89%, 90%
CMY	0.0863, 0.1098, 0.1020
CMYK	0.00, 0.03, 0.02, 0.09
HSL	340°, 12%, 90%
HSV	340°, 3%, 91%
XYZ	75.2162, 77.9190, 85.2043
YIQ	229.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

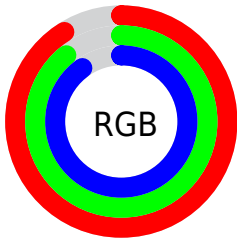
Format	Color
R_{YB}	233, 227, 229
Decimal	15328229
CIE Lab	90.74, 2.38, -0.26
CIE LCh	91, 2.397, 353.709
Yxy	77.9190, 0.3156, 0.3269
Android (android.graphics.Color)	4293518309 (0xFFE9E3E5)
YUV	229.0220, -0.0108, 3.4887
Hunter-Lab	88.2717, -2.3759, 4.5605

Details

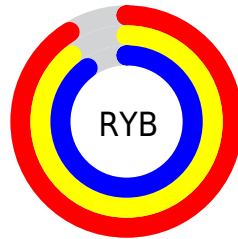
The RGB color **233, 227, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 233, 231**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 172, 174** is the 20% darker color. If you saturate the color by 10%, you get **233, 204, 213**, and if you desaturate by 10%, it is **233, 250, 245**.

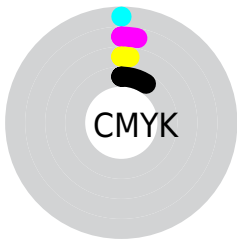
Distribution



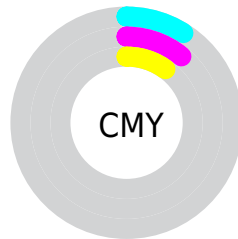
- Red (91%)
- Green (89%)
- Blue (90%)



- Red (91%)
- Yellow (89%)
- Blue (90%)



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



- Cyan (9%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 227, 229 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 233, 227, 229 by changing the saturation by 10% instead.

■ 233, 227, 229

255, 255, 255

■ 233, 227, 229

■ 205, 199, 201

■ 177, 172, 174

■ 151, 145, 147

■ 125, 120, 121

■ 100, 95, 97

■ 76, 71, 73

■ 53, 49, 50

■ 32, 28, 29

■ 9, 1, 3

 233, 227, 229

 233, 227, 229


 233, 204, 213

 233, 250, 245

 233, 180, 198


 233, 255, 255

 233, 157, 182

 233, 134, 167

 233, 111, 151

 233, 87, 136

 233, 64, 120

 233, 41, 105

 233, 17, 89

Harmonies

Analogous

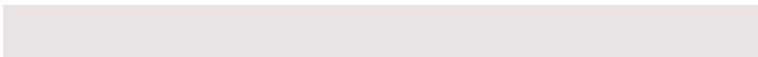
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231, 227, 231



233, 227, 229



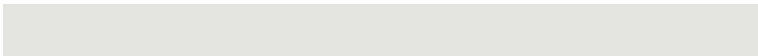
234, 227, 227

Triad

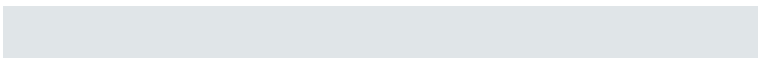
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233, 227, 229



228, 229, 224



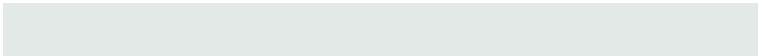
224, 229, 232

Complementary

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



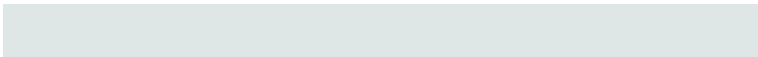
233, 227, 229



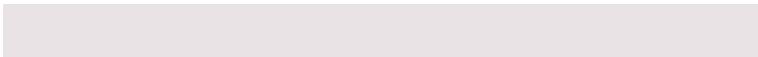
227, 233, 231

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.



223, 230, 230



233, 227, 229



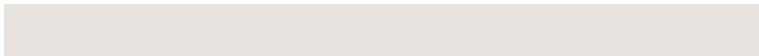
226, 230, 226

Square

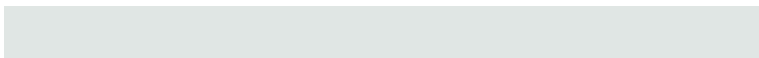
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



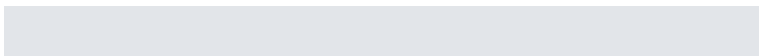
233, 227, 229



231, 228, 224



224, 230, 228



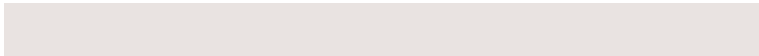
226, 229, 233

Rectangle

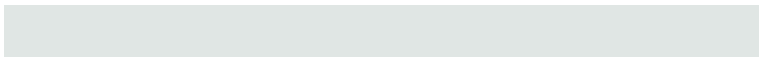
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



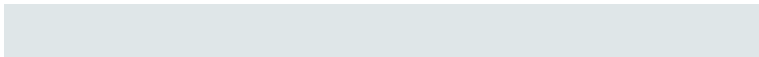
233, 227, 229



233, 227, 225



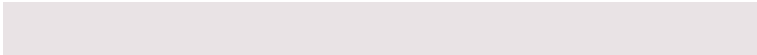
224, 230, 228



223, 230, 232

Sweetspot

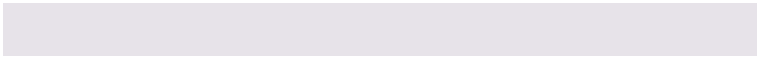
The Sweet Spot groups the original color and five complimentary colors.



233, 227, 229



255, 252, 253



231, 227, 233



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

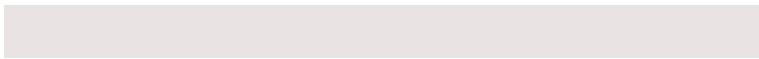
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233, 227, 229



255, 247, 250



233, 228, 227



117, 113, 114



181, 0, 60



54, 0, 18

Inverse Universe

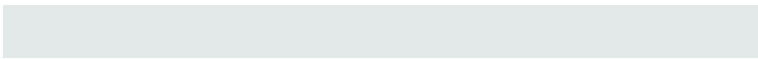
The Inverse Universe completely reimagines the original color for something new.



233, 227, 229



255, 247, 250



227, 232, 233



117, 113, 114



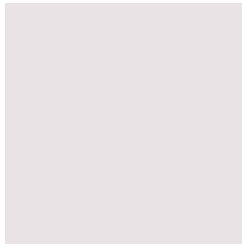
181, 0, 60



54, 0, 18

Previews

White Background



This preview shows how the RGB color 233, 227, 229 looks on a white background.

Color Contrast Check

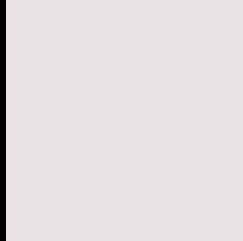
Large Text (above 18pt) WCAG AA × Fail

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 233, 227, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

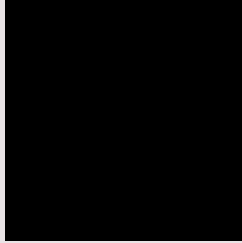
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

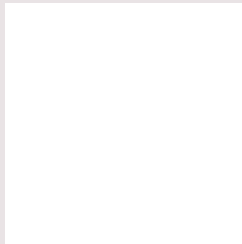
Any Text WCAG AAA ✓ Pass

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

RGB 233, 227, 229 Background



This preview shows how black text looks on a background with the RGB color 233, 227, 229.

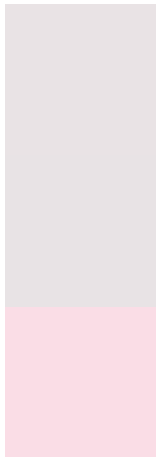


This preview shows how white text looks on a background with the RGB color 233, 227, 229.

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
233, 227, 229

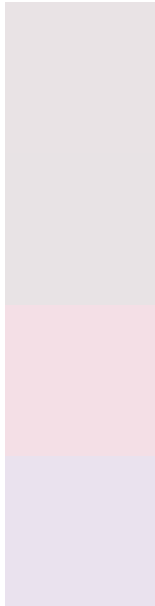
Protanopia
232, 227, 229

Deuteranopia
250, 221, 230



Tritanopia
235, 225, 243

Trichromacy



Original Color

233, 227, 229

Protanomaly

232, 227, 229

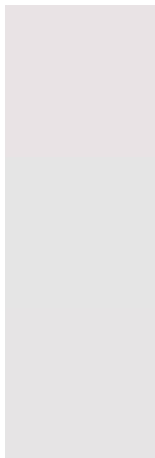
Deuteranomaly

244, 223, 230

Tritanomaly

234, 226, 238

Monochromacy



Original Color

233, 227, 229

Achromatopsia

229, 229, 229

Achromatomaly

230, 228, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 227, 229 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(233, 227, 229) looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 229)  
}
```

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(233, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 229) }
```

Border

The CSS property to change the border of an element to RGB 233, 227, 229 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(233, 227, 229) }
```

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

```
.border{ border-color:rgb(233, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 233, 227, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 229) }
```

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

```
.background{ background-color: rgb(233,  
227, 229) }
```

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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