

Converting Colors

RGB(226, 227, 223)

Have a look what the booklet for
RGB(226, 227, 223) contains.

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Color

RGB(226, 227, 223)

Conversions

Conversions Part 1

Format	Color
Hex	E2E3DF
RGB	226, 227, 223
RGB Percent	89%, 89%, 87%
CMY	0.1137, 0.1098, 0.1255
CMYK	0.00, 0.00, 0.02, 0.11
HSL	75°, 7%, 88%
HSV	75°, 2%, 89%
XYZ	72.1524, 76.4346, 80.7626
YIQ	226.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

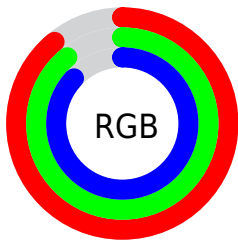
Format	Color
RYB	223, 227, 224
Decimal	14869471
CIELab	90.06, -1.04, 1.82
CIELCh	90, 2.099, 119.817
Yxy	76.4346, 0.3146, 0.3333
Android (android.graphics.Color)	4293059551 (0xFFE2E3DF)
YUV	226.2450, -1.5998, -0.2149
Hunter-Lab	87.4269, -5.6831, 6.4284

Details

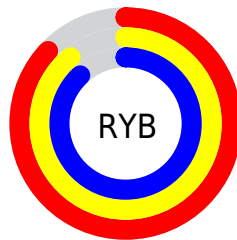
The RGB color `226, 227, 223` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `224, 223, 227`, and the grayscale version is `226, 226, 226`.

A 20% lighter version of the original color is `255, 255, 255`, and `171, 172, 168` is the 20% darker color. If you saturate the color by 10%, you get `220, 227, 200`, and if you desaturate by 10%, it is `232, 227, 246`.

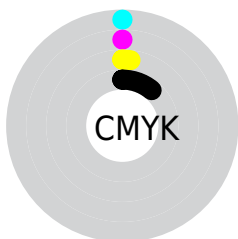
Distribution



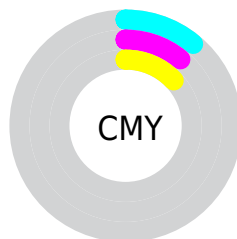
- Red (89%)
- Green (89%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 227, 223 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 226, 227, 223 by changing the saturation by 10% instead.

■ 226, 227, 223

255, 255, 255

■ 226, 227, 223

■ 198, 199, 195

■ 171, 172, 168

■ 144, 145, 141

■ 119, 120, 116

■ 94, 95, 91

■ 70, 71, 68

■ 48, 49, 46

■ 27, 28, 25

■ 0, 0, 0

 226, 227, 223

 226, 227, 223

 220, 227, 200

 232, 227, 246

 215, 227, 178

 237, 227, 255

 209, 227, 155

 243, 227, 255

 203, 227, 132

 249, 227, 255


 198, 227, 110


 254, 227, 255

 192, 227, 87

 255, 227, 255

 186, 227, 64

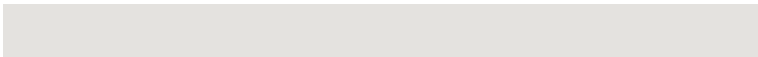
 181, 227, 41

 175, 227, 19

Harmonies

Analogous

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



228, 226, 223



226, 227, 223



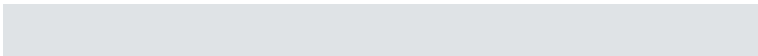
224, 228, 224

Triad

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



226, 227, 223



223, 227, 230



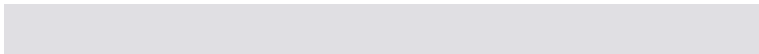
231, 225, 227

Complementary

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



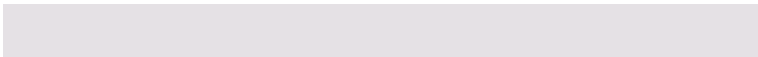
226, 227, 223



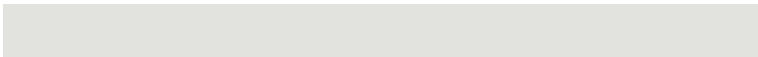
224, 223, 227

Split Complementary

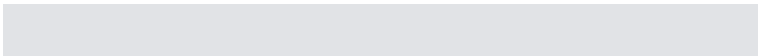
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229, 225, 229



226, 227, 223



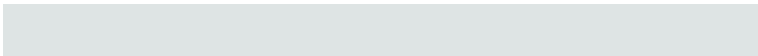
225, 227, 230

Square

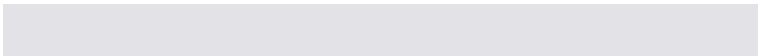
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



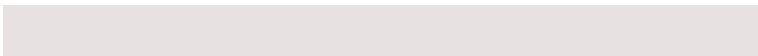
226, 227, 223



222, 228, 228



227, 226, 230



231, 225, 225

Rectangle

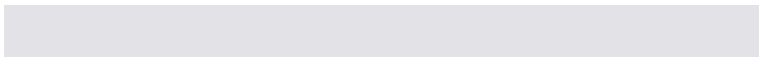
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



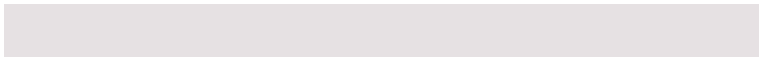
226, 227, 223



223, 228, 226



227, 226, 230



230, 225, 227

Sweetspot

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



226, 227, 223



254, 255, 252



227, 224, 223



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



226, 227, 223



254, 255, 250



224, 227, 223



114, 115, 112



134, 179, 0



38, 51, 0

Inverse Universe

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



224, 223, 227



251, 250, 255



226, 223, 227



113, 112, 115



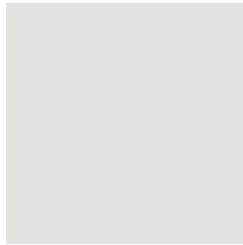
45, 0, 179



13, 0, 51

Previews

White Background



This preview shows how the RGB color 226, 227, 223 looks on a white background.

Color Contrast Check

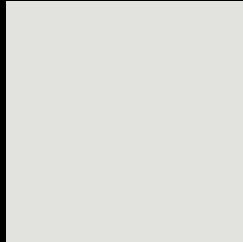
Large Text (above 18pt) WCAG AA × Fail

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 226, 227, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

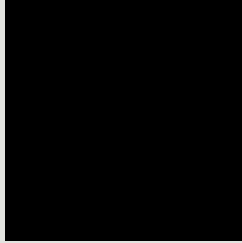
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

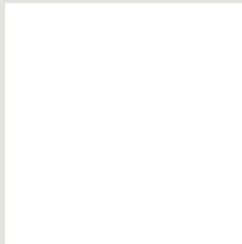
Any Text WCAG AAA ✓ Pass

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

RGB 226, 227, 223 Background



This preview shows how black text looks on a background with the RGB color 226, 227, 223.



This preview shows how white text looks on a background with the RGB color 226, 227, 223.

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

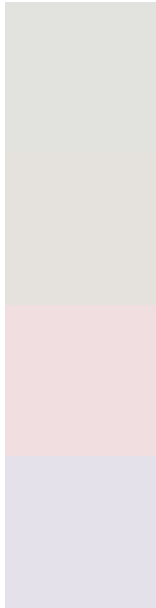




Tritanopia

229, 224, 242

Trichromacy



Original Color

226, 227, 223

Protanomaly

229, 226, 222

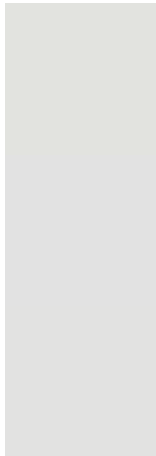
Deuteranomaly

241, 222, 224

Tritanomaly

228, 225, 235

Monochromacy



Original Color

226, 227, 223

Achromatopsia

226, 226, 226

Achromatomaly

226, 226, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 227, 223 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(226, 227, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 223)  
}
```

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(226, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 223) }
```

Border

The CSS property to change the border of an element to RGB 226, 227, 223 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(226, 227, 223) }
```

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

```
.border{ border-color:rgb(226, 227, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 226, 227, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 223) }
```

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

```
.background{ background-color: rgb(226,  
227, 223) }
```

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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