

Converting Colors

RGB(228, 227, 230)

Have a look what the booklet for
RGB(228, 227, 230) contains.

RGB(228, 227, 230)	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(228, 227, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E4E3E6
RGB	228, 227, 230
RGB Percent	89%, 89%, 90%
CMY	0.1059, 0.1098, 0.0980
CMYK	0.01, 0.01, 0.00, 0.10
HSL	260°, 6%, 90%
HSV	260°, 1%, 90%
XYZ	73.7469, 77.1453, 85.8666
YIQ	227.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

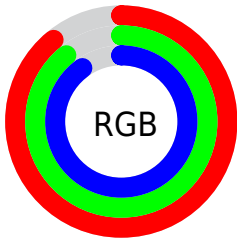
Format	Color
R_{YB}	228, 227, 230
Decimal	15000550
CIE Lab	90.39, 0.88, -1.35
CIE LCh	90, 1.611, 303.076
Yxy	77.1453, 0.3115, 0.3258
Android (android.graphics.Color)	4293190630 (0xFFE4E3E6)
YUV	227.6410, 1.1630, 0.3148
Hunter-Lab	87.8324, -3.8324, 3.5197

Details

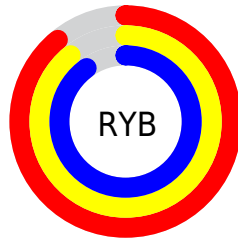
The RGB color **228, 227, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **229, 230, 227**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 172, 175** is the 20% darker color. If you saturate the color by 10%, you get **213, 204, 230**, and if you desaturate by 10%, it is **243, 250, 230**.

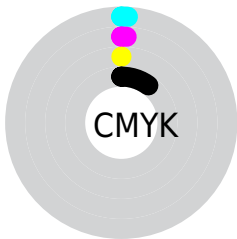
Distribution



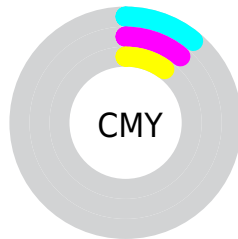
- Red (89%)
- Green (89%)
- Blue (90%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 227, 230 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 228, 227, 230 by changing the saturation by 10% instead.

■ 228, 227, 230

255, 255, 255

■ 228, 227, 230

■ 200, 199, 202

■ 173, 172, 175

■ 146, 145, 148

■ 120, 120, 122

■ 96, 95, 97

■ 72, 71, 74

■ 50, 49, 51

■ 29, 28, 30


■ 2, 1, 5

 228, 227, 230


 228, 227, 230


 213, 204, 230


 243, 250, 230

 197, 181, 230


 255, 255, 230

 182, 158, 230

 167, 135, 230

 151, 112, 230

 136, 89, 230

 121, 66, 230

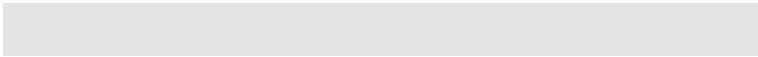
 105, 43, 230

 90, 20, 230

Harmonies

Analogous

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



226, 228, 230



228, 227, 230



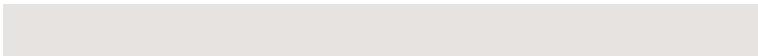
230, 227, 229

Triad

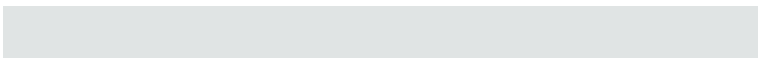
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 227, 230



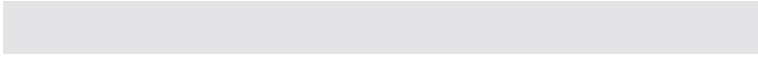
230, 227, 225



224, 228, 228

Complementary

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



228, 227, 230



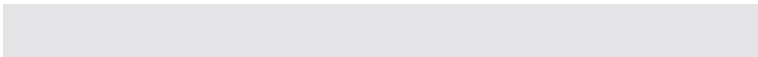
229, 230, 227

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, 228, 226



228, 227, 230



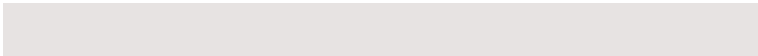
229, 227, 224

Square

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



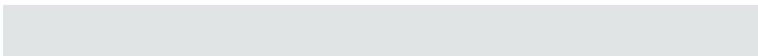
228, 227, 230



231, 227, 226



227, 228, 225



224, 228, 229

Rectangle

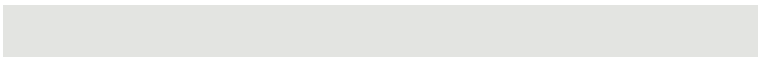
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228, 227, 230



230, 226, 228



227, 228, 225



224, 228, 227

Sweetspot

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



228, 227, 230

255, 255, 255



227, 229, 230



128, 128, 128



0, 0, 0

Same Dimension

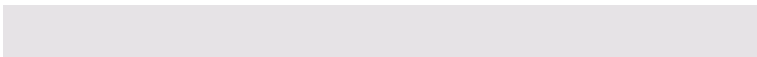
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 227, 230



252, 250, 255



230, 227, 230



113, 112, 115



60, 0, 179



17, 0, 51

Inverse Universe

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



230, 227, 229



255, 250, 253



227, 230, 227



115, 112, 114



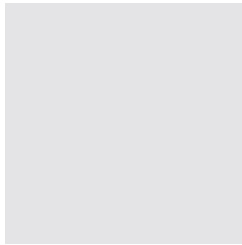
179, 0, 119



51, 0, 34

Previews

White Background



This preview shows how the RGB color 228, 227, 230 looks on a white background.

Color Contrast Check

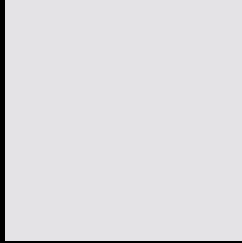
Large Text (above 18pt) WCAG AA × Fail

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 228, 227, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

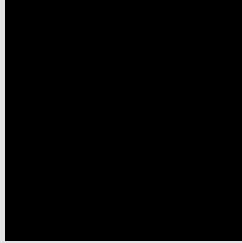
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

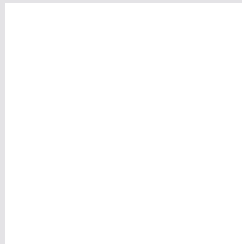
Any Text WCAG AAA ✓ Pass

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

RGB 228, 227, 230 Background



This preview shows how black text looks on a background with the RGB color 228, 227, 230.

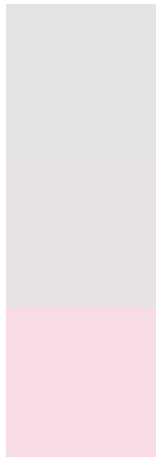


This preview shows how white text looks on a background with the RGB color 228, 227, 230.

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
228, 227, 230

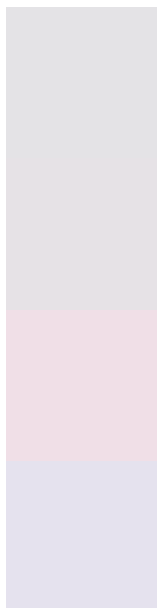
Protanopia
231, 226, 230

Deuteranopia
247, 220, 231



Tritanopia
230, 225, 243

Trichromacy



Original Color

228, 227, 230

Protanomaly

230, 226, 230

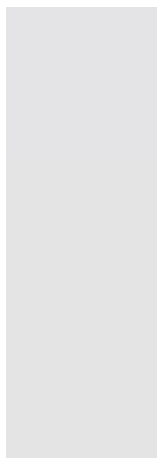
Deuteranomaly

240, 223, 231

Tritanomaly

229, 226, 238

Monochromacy



Original Color

228, 227, 230

Achromatopsia

228, 228, 228

Achromatomaly

228, 228, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 227, 230 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(228, 227, 230) looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 230)  
}
```

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(228, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 230) }
```

Border

The CSS property to change the border of an element to RGB 228, 227, 230 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(228, 227, 230) }
```

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

```
.border{ border-color:rgb(228, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 228, 227, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 230) }
```

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

```
.background{ background-color: rgb(228,  
227, 230) }
```

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