

Converting Colors

RGB(219, 227, 230)

Have a look what the booklet for
RGB(219, 227, 230) contains.

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Color

RGB(219, 227, 230)

Conversions

Conversions Part 1

Format	Color
Hex	DBE3E6
RGB	219, 227, 230
RGB Percent	86%, 89%, 90%
CMY	0.1412, 0.1098, 0.0980
CMYK	0.05, 0.01, 0.00, 0.10
HSL	196°, 18%, 88%
HSV	196°, 5%, 90%
XYZ	70.9654, 75.7114, 85.7364
YIQ	224.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

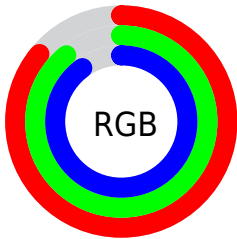
Format	Color
R _Y B	219, 224, 230
Decimal	14410726
CIE Lab	89.73, -2.11, -2.40
CIE LCh	90, 3.197, 228.652
Yxy	75.7114, 0.3053, 0.3258
Android (android.graphics.Color)	4292600806 (0xFFD _B E3E6)
YUV	224.9500, 2.4897, -5.2181
Hunter-Lab	87.0123, -6.6906, 2.4880

Details

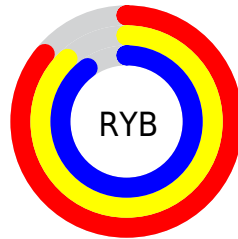
The RGB color **219, 227, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **230, 222, 219**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 172, 175** is the 20% darker color. If you saturate the color by 10%, you get **196, 221, 230**, and if you desaturate by 10%, it is **242, 233, 230**.

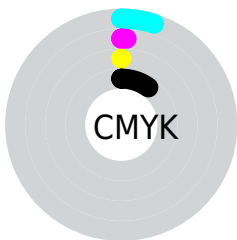
Distribution



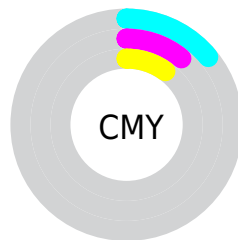
- Red (86%)
- Green (89%)
- Blue (90%)



- Red (86%)
- Yellow (88%)
- Blue (90%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 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 219, 227, 230 by changing the saturation by 10% instead.

■ 219, 227, 230

255, 255, 255

■ 219, 227, 230

■ 191, 199, 202

■ 164, 172, 175

■ 138, 145, 148

■ 112, 120, 122

■ 88, 95, 97

■ 65, 71, 74

■ 42, 49, 51

■ 22, 28, 30

■ 0, 0, 5

■ 219, 227, 230

■ 219, 227, 230

■ 196, 221, 230

■ 242, 233, 230

■ 173, 214, 230

■ 255, 240, 230

■ 150, 208, 230

■ 255, 246, 230

■ 127, 202, 230

■ 255, 252, 230

■ 104, 196, 230

■ 255, 255, 230

■ 81, 189, 230

■ 58, 183, 230

■ 35, 177, 230

■ 12, 171, 230

Harmonies

Analogous

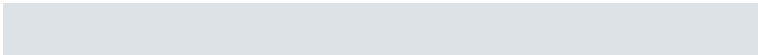
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 227, 227



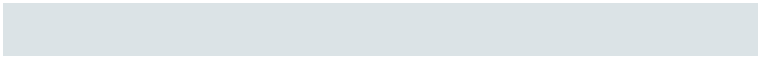
219, 227, 230



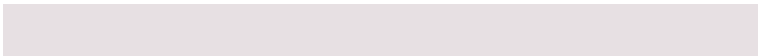
221, 226, 231

Triad

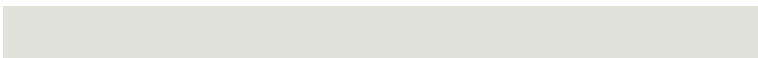
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 227, 230



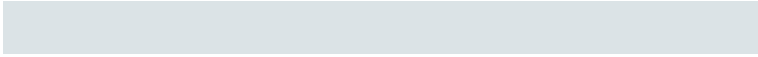
231, 224, 227



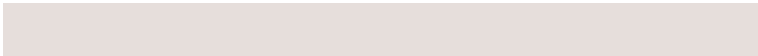
226, 226, 220

Complementary

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



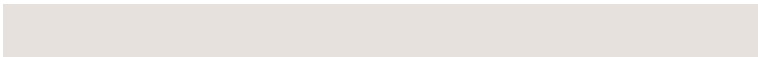
219, 227, 230



230, 222, 219

Split Complementary

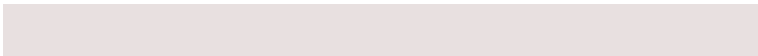
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 225, 220



219, 227, 230



232, 224, 224

Square

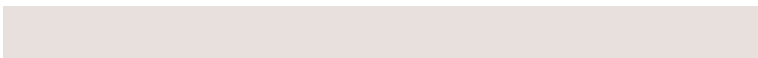
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219, 227, 230



229, 224, 230



232, 224, 221



223, 227, 221

Rectangle

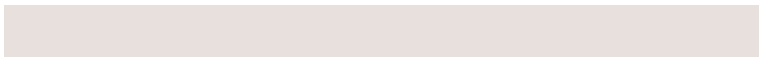
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



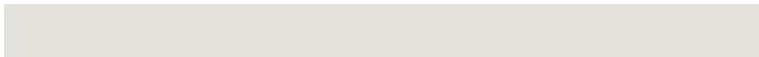
219, 227, 230



224, 226, 232



232, 224, 221



227, 226, 220

Sweetspot

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



219, 227, 230



252, 254, 255



219, 230, 222



126, 127, 128



0, 0, 0



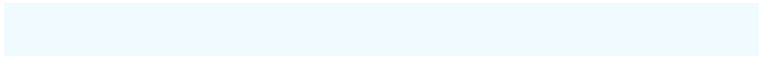
128, 128, 128

Same Dimension

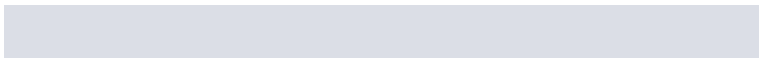
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 227, 230



240, 251, 255



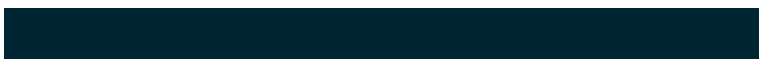
219, 222, 230



107, 113, 115



0, 130, 179



0, 37, 51

Inverse Universe

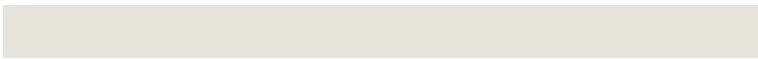
The Inverse Universe completely reimagines the original color for something new.



230, 219, 227



255, 240, 251



230, 227, 219



115, 107, 113



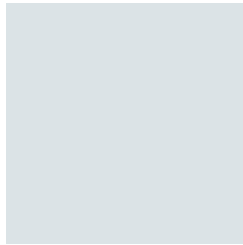
179, 0, 130



51, 0, 37

Previews

White Background



This preview shows how the RGB color 219, 227, 230 looks on a white background.

Color Contrast Check

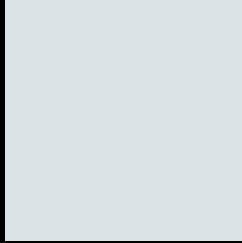
Large Text (above 18pt) WCAG AA × Fail

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 219, 227, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

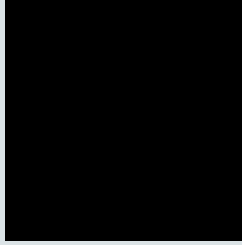
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

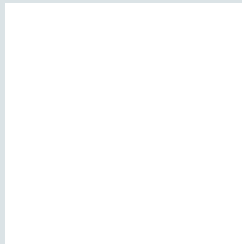
Any Text WCAG AAA ✓ Pass

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

RGB 219, 227, 230 Background



This preview shows how black text looks on a background with the RGB color 219, 227, 230.



This preview shows how white text looks on a background with the RGB color 219, 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](#).

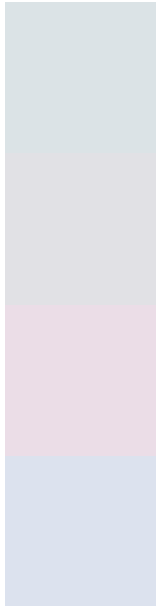
Dichromacy





Tritanopia
221, 225, 243

Trichromacy



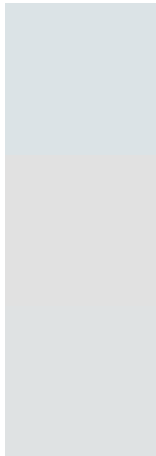
Original Color
219, 227, 230

Protanomaly
225, 225, 229

Deuteranomaly
235, 221, 231

Tritanomaly
220, 226, 238

Monochromacy



Original Color
219, 227, 230

Achromatopsia
225, 225, 225

Achromatomaly
223, 226, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 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(219, 227, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 230) }
```

Border

The CSS property to change the border of an element to RGB 219, 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(219, 227, 230) }
```

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

```
.border{ border-color:rgb(219, 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(219, 227, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 227,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 219, 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(219, 227, 230) }
```

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

```
.background{ background-color: rgb(219,  
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](#).

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