

Converting Colors

RGB(219, 227, 220)

Have a look what the booklet for
RGB(219, 227, 220) contains.

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Color

RGB(219, 227, 220)

Conversions

Conversions Part 1

Format	Color
Hex	DBE3DC
RGB	219, 227, 220
RGB Percent	86%, 89%, 86%
CMY	0.1412, 0.1098, 0.1373
CMYK	0.04, 0.00, 0.03, 0.11
HSL	128°, 12%, 87%
HSV	128°, 4%, 89%
XYZ	69.6008, 75.1655, 78.5502
YIQ	223.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

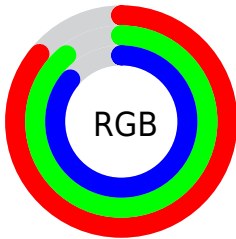
Format	Color
RYB	219, 226, 227
Decimal	14410716
CIELab	89.47, -3.94, 2.47
CIELCh	89, 4.652, 147.902
Yxy	75.1655, 0.3117, 0.3366
Android (android.graphics.Color)	4292600796 (0xFFDBE3DC)
YUV	223.8100, -1.8783, -4.2184
Hunter-Lab	86.6981, -8.4227, 6.9707

Details

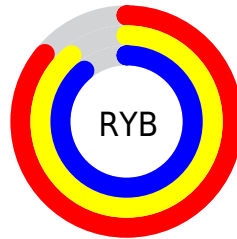
The RGB color **219, 227, 220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 219, 226**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 172, 165** is the 20% darker color. If you saturate the color by 10%, you get **196, 227, 200**, and if you desaturate by 10%, it is **242, 227, 240**.

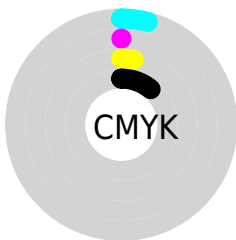
Distribution



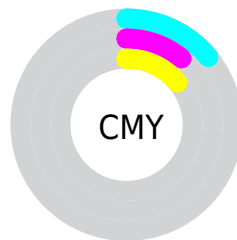
- Red (86%)
- Green (89%)
- Blue (86%)



- Red (86%)
- Yellow (89%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 227, 220 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, 220 by changing the saturation by 10% instead.

■ 219, 227, 220

255, 255, 255

■ 219, 227, 220

■ 191, 199, 192

■ 164, 172, 165

■ 138, 145, 139

■ 112, 119, 113

■ 88, 95, 89

■ 65, 71, 66

■ 43, 49, 43

■ 22, 28, 23

■ 0, 0, 0

 219, 227, 220

 219, 227, 220

 196, 227, 200

 242, 227, 240

 174, 227, 180

 255, 227, 255

 151, 227, 160

 128, 227, 141

 106, 227, 121

 83, 227, 101

 60, 227, 81

 37, 227, 61

 15, 227, 41

Harmonies

Analogous

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



224, 226, 217



219, 227, 220



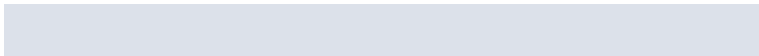
215, 228, 224

Triad

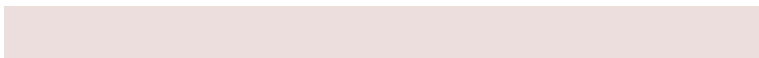
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 227, 220



220, 225, 234



235, 222, 221

Complementary

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



219, 227, 220



227, 219, 226

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.



234, 222, 225



219, 227, 220



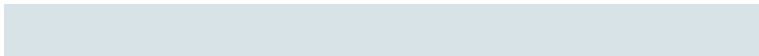
226, 224, 233

Square

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



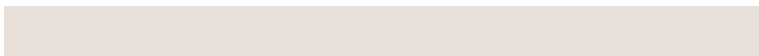
219, 227, 220



216, 227, 232



231, 223, 230



233, 223, 217

Rectangle

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



219, 227, 220



214, 228, 227



231, 223, 230



235, 222, 222

Sweetspot

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



219, 227, 220



252, 255, 253



226, 227, 219



126, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



219, 227, 220



245, 255, 246



219, 227, 224



109, 115, 110



0, 179, 22



0, 51, 6

Inverse Universe

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



227, 219, 226



255, 245, 254



227, 219, 222



115, 109, 114



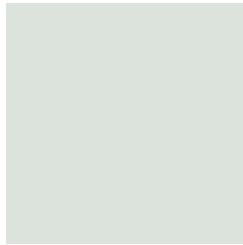
179, 0, 156



51, 0, 45

Previews

White Background



This preview shows how the RGB color 219, 227, 220 looks on a white background.

Color Contrast Check

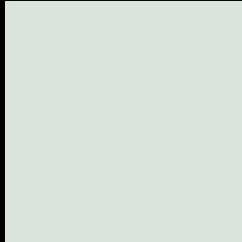
Large Text (above 18pt) WCAG AA × Fail

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, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

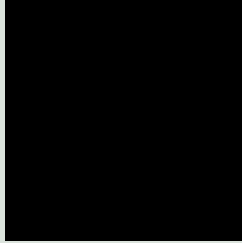
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

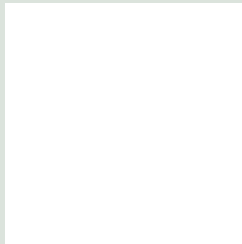
Any Text WCAG AAA ✓ Pass

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

RGB 219, 227, 220 Background



This preview shows how black text looks on a background with the RGB color 219, 227, 220.



This preview shows how white text looks on a background with the RGB color 219, 227, 220.

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](#).

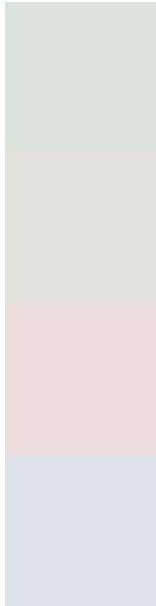
Dichromacy





Tritanopia
222, 224, 241

Trichromacy



Original Color

219, 227, 220

Protanomaly

226, 225, 219

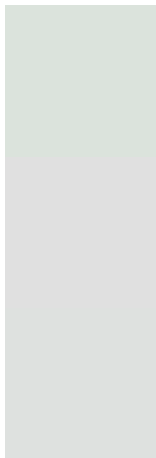
Deuteranomaly

237, 221, 221

Tritanomaly

221, 225, 233

Monochromacy



Original Color

219, 227, 220

Achromatopsia

224, 224, 224

Achromatomaly

222, 225, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 227, 220 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(219, 227, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 220) }
```

Border

The CSS property to change the border of an element to RGB 219, 227, 220 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, 220) }
```

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

```
.border{ border-color:rgb(219, 227, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(219, 227,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 219, 227, 220 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, 220) }
```

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

```
.background{ background-color: rgb(219,  
227, 220) }
```

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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