

Converting Colors

RGB(227, 228, 220)

Have a look what the booklet for
RGB(227, 228, 220) contains.

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Color

RGB(227, 228, 220)

Conversions

Conversions Part 1

Format	Color
Hex	E3E4DC
RGB	227, 228, 220
RGB Percent	89%, 89%, 86%
CMY	0.1098, 0.1059, 0.1373
CMYK	0.00, 0.00, 0.04, 0.11
HSL	68°, 13%, 88%
HSV	68°, 4%, 89%
XYZ	72.3402, 76.9850, 78.7570
YIQ	226.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

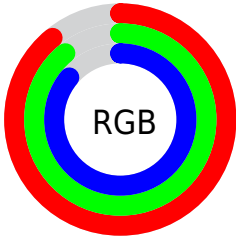
Format	Color
R _Y B	220, 228, 221
Decimal	14935260
CIE Lab	90.31, -1.74, 3.77
CIE LCh	90, 4.153, 114.810
Yxy	76.9850, 0.3172, 0.3375
Android (android.graphics.Color)	4293125340 (0xFFE3E4DC)
YUV	226.7890, -3.3470, 0.1850
Hunter-Lab	87.7411, -6.3784, 8.1997

Details

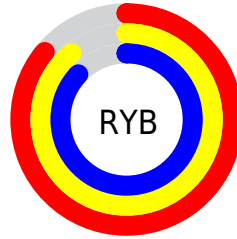
The RGB color **227, 228, 220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 220, 228**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 173, 165** is the 20% darker color. If you saturate the color by 10%, you get **224, 228, 197**, and if you desaturate by 10%, it is **230, 228, 243**.

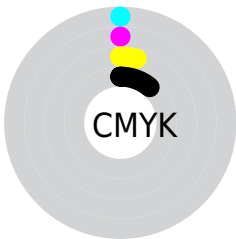
Distribution



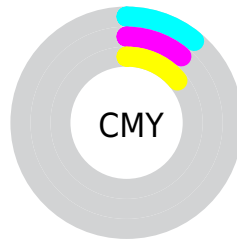
- Red (89%)
- Green (89%)
- Blue (86%)



- Red (86%)
- Yellow (89%)
- Blue (87%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 228, 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 227, 228, 220 by changing the saturation by 10% instead.

■ 227, 228, 220

255, 255, 255

■ 227, 228, 220

■ 199, 200, 192

■ 172, 173, 165

■ 145, 146, 139

■ 119, 120, 113

■ 95, 96, 89

■ 71, 72, 65

■ 49, 50, 43

■ 28, 29, 23


■ 0, 2, 0

 227, 228, 220

 227, 228, 220

 224, 228, 197

 230, 228, 243

 221, 228, 174

 233, 228, 255

 218, 228, 152

 236, 228, 255

 216, 228, 129

 238, 228, 255

 213, 228, 106

 241, 228, 255

 210, 228, 83


 244, 228, 255

 207, 228, 60

 247, 228, 255

 204, 228, 38

 250, 228, 255

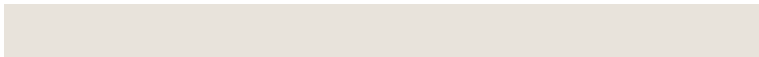
 201, 228, 15

 253, 228, 255

Harmonies

Analogous

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



232, 227, 219



227, 228, 220



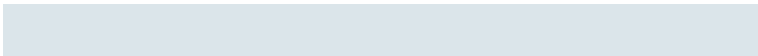
222, 229, 223

Triad

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



227, 228, 220



219, 229, 234



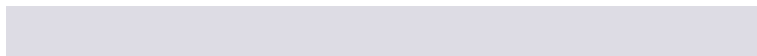
235, 225, 228

Complementary

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



227, 228, 220



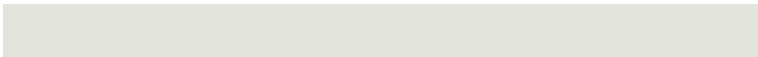
221, 220, 228

Split Complementary

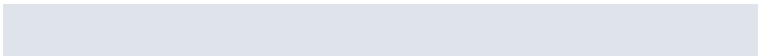
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 225, 232



227, 228, 220



223, 228, 235

Square

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



227, 228, 220



218, 230, 230



227, 226, 234



236, 225, 224

Rectangle

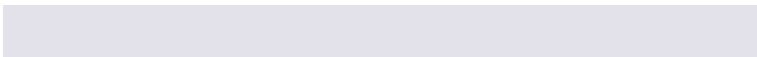
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



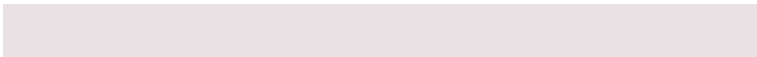
227, 228, 220



220, 230, 225



227, 226, 234



234, 225, 229

Sweetspot

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



227, 228, 220



255, 255, 252



228, 221, 220



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



227, 228, 220



254, 255, 245



223, 228, 220



114, 115, 109



156, 179, 0



45, 51, 0

Inverse Universe

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



221, 220, 228



246, 245, 255



225, 220, 228



110, 109, 115



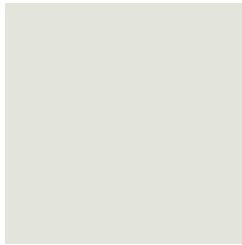
22, 0, 179



6, 0, 51

Previews

White Background



This preview shows how the RGB color 227, 228, 220 looks on a white background.

Color Contrast Check

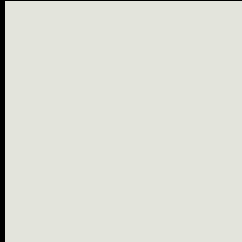
Large Text (above 18pt) WCAG AA × Fail

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 227, 228, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

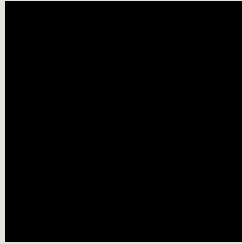
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

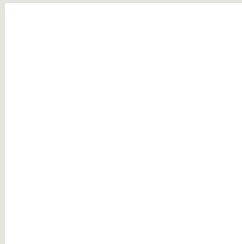
Any Text WCAG AAA ✓ Pass

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

RGB 227, 228, 220 Background



This preview shows how black text looks on a background with the RGB color 227, 228, 220.

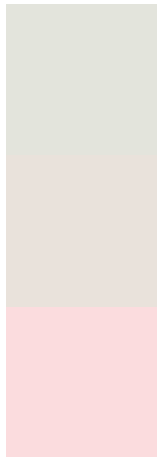


This preview shows how white text looks on a background with the RGB color 227, 228, 220.

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



Original Color
227, 228, 220

Protanopia
233, 226, 219

Deuteranopia
251, 220, 222



Tritanopia

230, 225, 242

Trichromacy



Original Color

227, 228, 220

Protanomaly

231, 227, 219

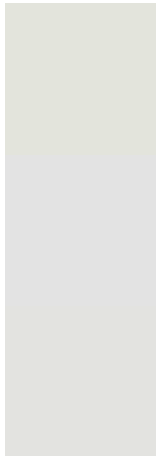
Deuteranomaly

242, 223, 221

Tritanomaly

229, 226, 234

Monochromacy



Original Color

227, 228, 220

Achromatopsia

227, 227, 227

Achromatomaly

227, 227, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 228, 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(227, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 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(227, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 220) }
```

Border

The CSS property to change the border of an element to RGB 227, 228, 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(227, 228, 220) }
```

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

```
.border{ border-color:rgb(227, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 228, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 228, 220); box-shadow:4px 4px 4px 4px rgb(227, 228, 220) }
```

Background

The CSS property to change the background color of an element to RGB 227, 228, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 220) }
```

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

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