

Converting Colors

RGB(221, 232, 231)

Have a look what the booklet for
RGB(221, 232, 231) contains.

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Color

RGB(221, 232, 231)

Conversions

Conversions Part 1

Format	Color
Hex	DDE8E7
RGB	221, 232, 231
RGB Percent	87%, 91%, 91%
CMY	0.1333, 0.0902, 0.0941
CMYK	0.05, 0.00, 0.00, 0.09
HSL	175°, 19%, 89%
HSV	175°, 5%, 91%
XYZ	73.0992, 78.8549, 86.9691
YIQ	228.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

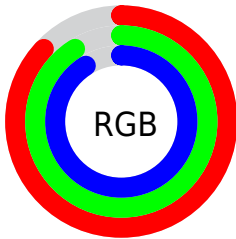
Format	Color
R _Y B	221, 227, 232
Decimal	14543079
CIE Lab	91.17, -3.83, -0.79
CIE LCh	91, 3.913, 191.683
Yxy	78.8549, 0.3060, 0.3300
Android (android.graphics.Color)	4292733159 (0xFFDDE8E7)
YUV	228.5970, 1.1847, -6.6626
Hunter-Lab	88.8003, -8.4617, 4.0928

Details

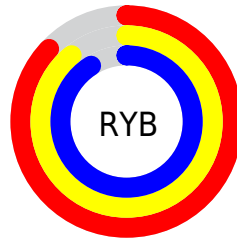
The RGB color **221, 232, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 221, 222**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 176, 175** is the 20% darker color. If you saturate the color by 10%, you get **198, 232, 229**, and if you desaturate by 10%, it is **244, 232, 233**.

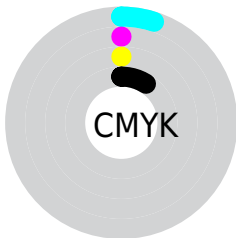
Distribution



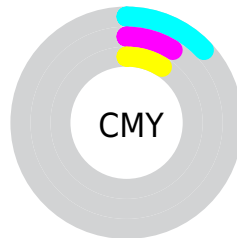
- Red (87%)
- Green (91%)
- Blue (91%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 232, 231 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 221, 232, 231 by changing the saturation by 10% instead.

■ 221, 232, 231

255, 255, 255

■ 221, 232, 231

■ 193, 204, 203

■ 166, 176, 175

■ 140, 150, 149

■ 114, 124, 123

■ 90, 99, 98

■ 66, 75, 74

■ 44, 53, 52

■ 23, 31, 31

■ 0, 7, 6

 221, 232, 231

 221, 232, 231

 198, 232, 229

 244, 232, 233

 175, 232, 227

 255, 232, 235

 151, 232, 225

 255, 232, 237

 128, 232, 223

 255, 232, 239

 105, 232, 220

 255, 232, 242

 82, 232, 218

 255, 232, 244

 59, 232, 216

 255, 232, 246

 35, 232, 214

 255, 232, 248

 12, 232, 212

 255, 232, 250

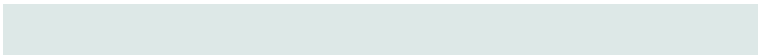
Harmonies

Analogous

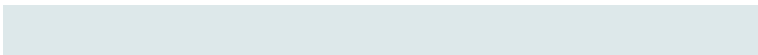
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 232, 227



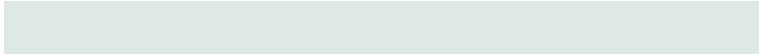
221, 232, 231



221, 232, 234

Triad

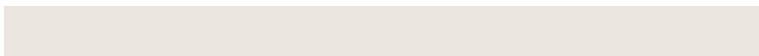
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 232, 231



232, 228, 235



235, 229, 223

Complementary

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



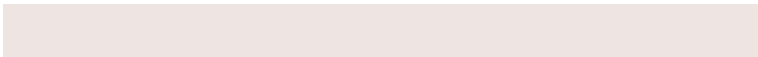
221, 232, 231



232, 221, 222

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.



238, 228, 225



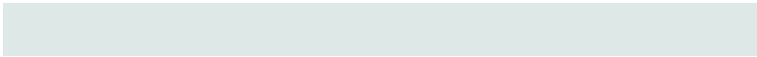
221, 232, 231



236, 227, 232

Square

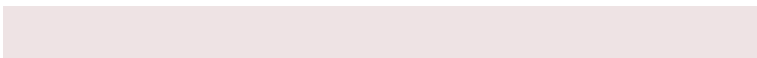
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 232, 231



228, 229, 237



238, 227, 228



231, 230, 222

Rectangle

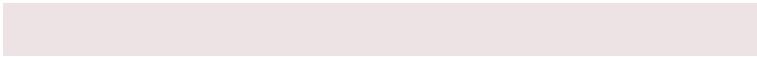
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



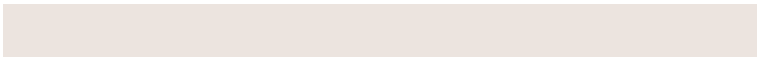
221, 232, 231



223, 231, 236



238, 227, 228



236, 228, 223

Sweetspot

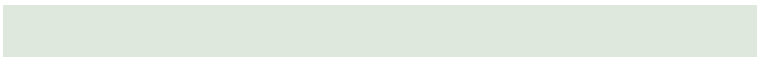
The Sweet Spot groups the original color and five complimentary colors.



221, 232, 231



252, 255, 255



222, 232, 221



126, 128, 127



0, 0, 0



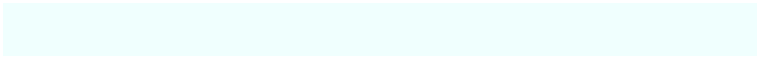
128, 128, 128

Same Dimension

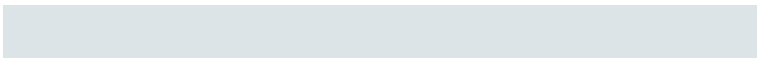
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 232, 231



240, 255, 254



221, 228, 232



107, 115, 114



0, 179, 162



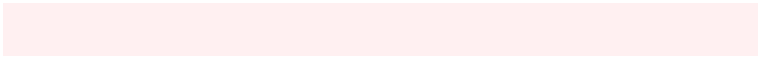
0, 51, 46

Inverse Universe

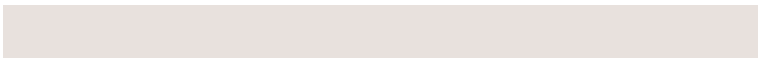
The Inverse Universe completely reimagines the original color for something new.



232, 221, 222



255, 240, 241



232, 225, 221



115, 107, 107



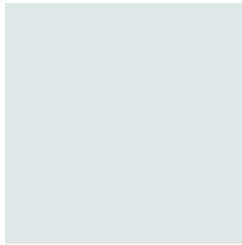
179, 0, 16



51, 0, 5

Previews

White Background



This preview shows how the RGB color 221, 232, 231 looks on a white background.

Color Contrast Check

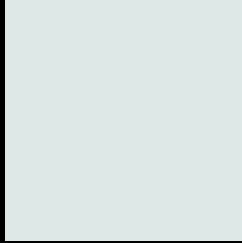
Large Text (above 18pt) WCAG AA × Fail

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 221, 232, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

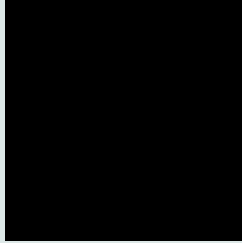
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

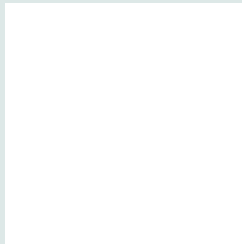
Any Text WCAG AAA ✓ Pass

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

RGB 221, 232, 231 Background



This preview shows how black text looks on a background with the RGB color 221, 232, 231.



This preview shows how white text looks on a background with the RGB color 221, 232, 231.

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

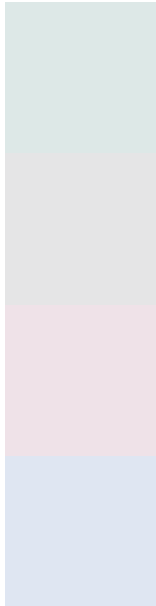




Tritanopia

224, 229, 248

Trichromacy



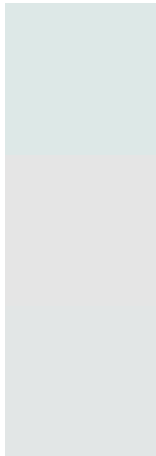
Original Color
221, 232, 231

Protanomaly
229, 229, 230

Deuteranomaly
239, 226, 232

Tritanomaly
223, 230, 242

Monochromacy



Original Color
221, 232, 231

Achromatopsia
229, 229, 229

Achromatomaly
226, 230, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 232, 231 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(221, 232, 231)` looks like.

```
.text, #text, p{  
    color:rgb(221, 232, 231)  
}
```

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(221, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 232, 231) }
```

Border

The CSS property to change the border of an element to RGB 221, 232, 231 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(221, 232, 231) }
```

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

```
.border{ border-color:rgb(221, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(221, 232,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 221, 232, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 232, 231) }
```

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

```
.background{ background-color: rgb(221,  
232, 231) }
```

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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