

Converting Colors

RGB(217, 234, 231)

Have a look what the booklet for
RGB(217, 234, 231) contains.

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Color

RGB(217, 234, 231)

Conversions

Conversions Part 1

Format	Color
Hex	D9EAE7
RGB	217, 234, 231
RGB Percent	85%, 92%, 91%
CMY	0.1490, 0.0824, 0.0941
CMYK	0.07, 0.00, 0.01, 0.08
HSL	169°, 29%, 88%
HSV	169°, 7%, 92%
XYZ	72.4619, 79.3669, 87.1015
YIQ	228.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

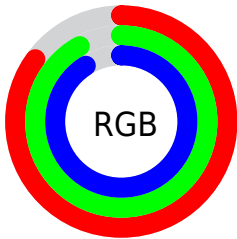
Format	Color
R _Y B	217, 226, 234
Decimal	14281447
CIE Lab	91.40, -6.17, -0.49
CIE LCh	91, 6.184, 184.522
Yxy	79.3669, 0.3033, 0.3322
Android (android.graphics.Color)	4292471527 (0xFFD9EAE7)
YUV	228.5750, 1.1955, -10.1513
Hunter-Lab	89.0881, -10.7170, 4.3938

Details

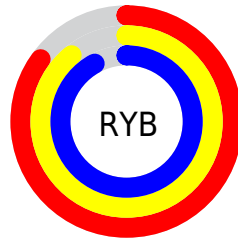
The RGB color **217, 234, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 217, 220**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 178, 175** is the 20% darker color. If you saturate the color by 10%, you get **194, 234, 227**, and if you desaturate by 10%, it is **240, 234, 235**.

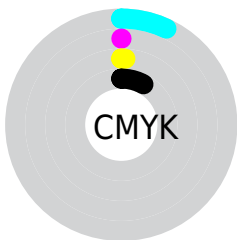
Distribution



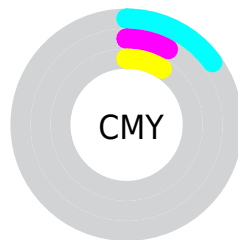
- Red (85%)
- Green (92%)
- Blue (91%)



- Red (85%)
- Yellow (89%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 234, 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 217, 234, 231 by changing the saturation by 10% instead.

■ 217, 234, 231

255, 255, 255

■ 217, 234, 231

■ 189, 206, 203

■ 162, 178, 175

■ 136, 152, 149

■ 110, 126, 123

■ 86, 101, 98

■ 63, 77, 74

■ 41, 54, 52

■ 20, 33, 31

■ 0, 10, 6

 217, 234, 231

 217, 234, 231

 194, 234, 227

 240, 234, 235

 170, 234, 223

 255, 234, 239

 147, 234, 219

 255, 234, 243

 123, 234, 214

 255, 234, 248

 100, 234, 210

 255, 234, 252

 77, 234, 206

 255, 234, 255

 53, 234, 202

 30, 234, 198

 6, 234, 194

Harmonies

Analogous

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



221, 233, 225



217, 234, 231



216, 234, 237

Triad

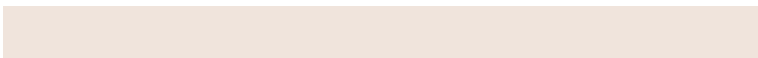
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 234, 231



233, 229, 240



240, 228, 220

Complementary

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



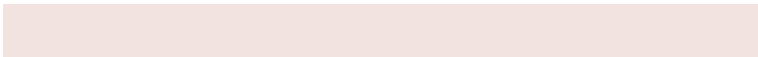
217, 234, 231



234, 217, 220

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.



243, 227, 224



217, 234, 231



239, 227, 236

Square

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



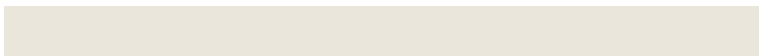
217, 234, 231



226, 230, 242



243, 226, 230



235, 230, 219

Rectangle

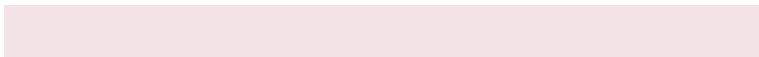
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217, 234, 231



218, 233, 240



243, 226, 230



242, 228, 221

Sweetspot

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



217, 234, 231



250, 255, 254



220, 234, 217



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

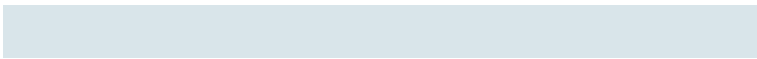
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 234, 231



232, 255, 251



217, 229, 234



106, 117, 115



0, 181, 149



0, 54, 44

Inverse Universe

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



234, 217, 220



255, 232, 236



234, 222, 217



117, 106, 108



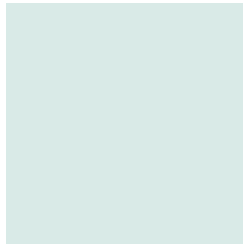
181, 0, 32



54, 0, 9

Previews

White Background



This preview shows how the RGB color 217, 234, 231 looks on a white background.

Color Contrast Check

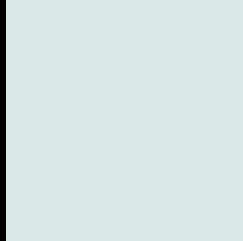
Large Text (above 18pt) WCAG AA × Fail

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 217, 234, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

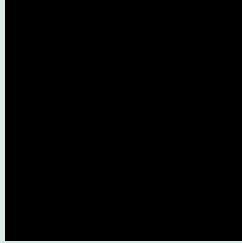
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

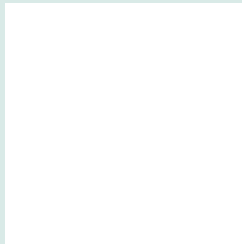
Any Text WCAG AAA ✓ Pass

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

RGB 217, 234, 231 Background



This preview shows how black text looks on a background with the RGB color 217, 234, 231.



This preview shows how white text looks on a background with the RGB color 217, 234, 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](#).

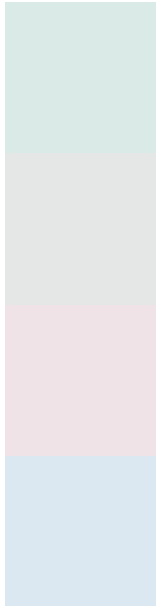
Dichromacy





Tritanopia
220, 231, 249

Trichromacy



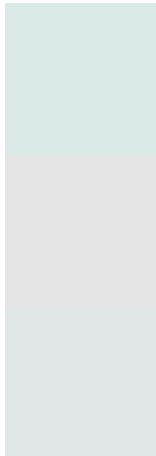
Original Color
217, 234, 231

Protanomaly
228, 231, 229

Deuteranomaly
239, 227, 232

Tritanomaly
219, 232, 242

Monochromacy



Original Color
217, 234, 231

Achromatopsia
229, 229, 229

Achromatomaly
225, 231, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 234, 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(217, 234, 231)` looks like.

```
.text, #text, p{  
    color:rgb(217, 234, 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(217, 234, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 234, 231) }
```

Border

The CSS property to change the border of an element to RGB 217, 234, 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(217, 234, 231) }
```

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

```
.border{ border-color:rgb(217, 234, 231) }
```

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

Here you see how a box with a 4 pixel rgb(217, 234, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 234, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 234, 231);  
box-shadow:4px 4px 4px 4px rgb(217, 234,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 217, 234, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 234, 231) }
```

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

```
.background{ background-color: rgb(217,  
234, 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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