

Converting Colors

RGB(217, 234, 232)

Have a look what the booklet for
RGB(217, 234, 232) contains.

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Color

RGB(217, 234, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D9EAE8
RGB	217, 234, 232
RGB Percent	85%, 92%, 91%
CMY	0.1490, 0.0824, 0.0902
CMYK	0.07, 0.00, 0.01, 0.08
HSL	173°, 29%, 88%
HSV	173°, 7%, 92%
XYZ	72.6036, 79.4235, 87.8476
YIQ	228.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

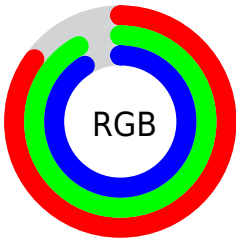
Format	Color
R _Y B	217, 226, 234
Decimal	14281448
CIE Lab	91.43, -5.98, -0.97
CIE LCh	91, 6.056, 189.237
Yxy	79.4235, 0.3027, 0.3311
Android (android.graphics.Color)	4292471528 (0xFFD9EAE8)
YUV	228.6890, 1.6323, -10.2513
Hunter-Lab	89.1199, -10.5407, 3.9404

Details

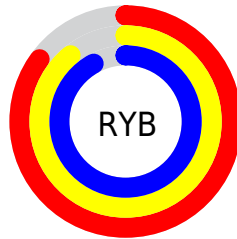
The RGB color **217, 234, 232** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 217, 219**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 178, 176** is the 20% darker color. If you saturate the color by 10%, you get **194, 234, 229**, and if you desaturate by 10%, it is **240, 234, 235**.

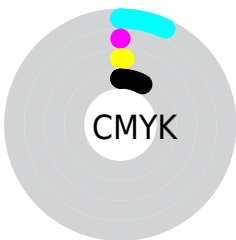
Distribution



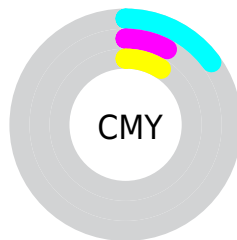
- Red (85%)
- Green (92%)
- Blue (91%)



- 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, 232 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, 232 by changing the saturation by 10% instead.

■ 217, 234, 232

255, 255, 255

■ 217, 234, 232

■ 189, 206, 204

■ 162, 178, 176

■ 136, 152, 150

■ 110, 126, 124

■ 86, 101, 99

■ 63, 77, 75

■ 40, 54, 53

■ 20, 33, 32

■ 0, 10, 7

 217, 234, 232

 217, 234, 232

 194, 234, 229

 240, 234, 235

 170, 234, 226

 255, 234, 238

 147, 234, 224

 255, 234, 240

 123, 234, 221

 255, 234, 243

 100, 234, 218

 255, 234, 246

 77, 234, 215

 255, 234, 249

 53, 234, 213

 255, 234, 251

 30, 234, 210

 255, 234, 254

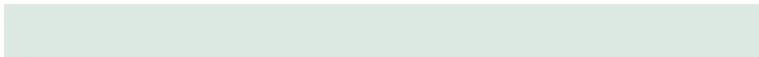
 6, 234, 207

 255, 234, 255

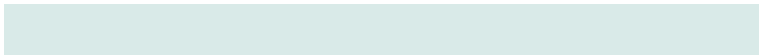
Harmonies

Analogous

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



221, 234, 226



217, 234, 232



217, 233, 237

Triad

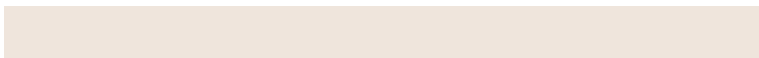
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 234, 232



234, 228, 239



239, 229, 220

Complementary

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



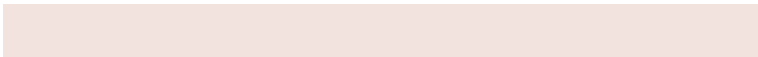
217, 234, 232



234, 217, 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.



243, 227, 223



217, 234, 232



240, 227, 235

Square

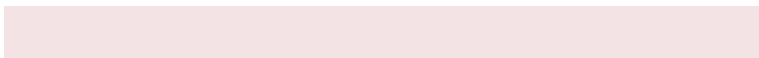
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



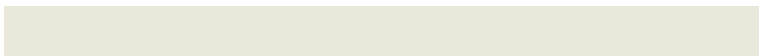
217, 234, 232



227, 230, 242



243, 227, 229



234, 231, 219

Rectangle

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



217, 234, 232



219, 233, 240



243, 227, 229



241, 228, 221

Sweetspot

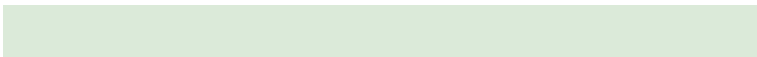
The Sweet Spot groups the original color and five complimentary colors.



217, 234, 232



250, 255, 254



219, 234, 217



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

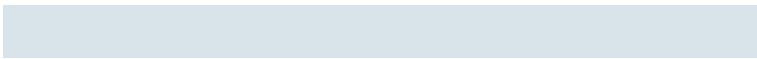
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 234, 232



232, 255, 252



217, 228, 234



106, 117, 116



0, 181, 160



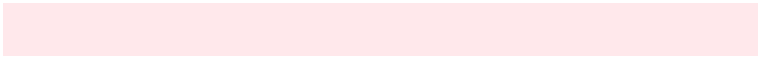
0, 54, 47

Inverse Universe

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



234, 217, 219



255, 232, 235



234, 223, 217



117, 106, 107



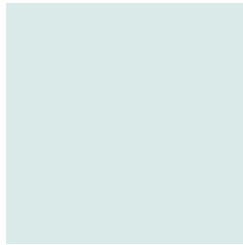
181, 0, 21



54, 0, 6

Previews

White Background



This preview shows how the RGB color 217, 234, 232 looks on a white background.

Color Contrast Check

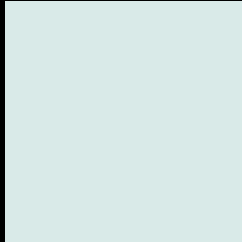
Large Text (above 18pt) WCAG AA × Fail

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, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

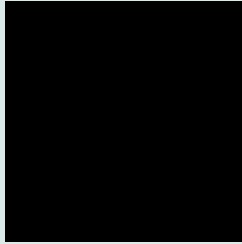
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

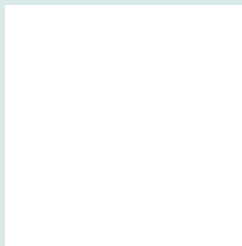
Any Text WCAG AAA ✓ Pass

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

RGB 217, 234, 232 Background



This preview shows how black text looks on a background with the RGB color 217, 234, 232.



This preview shows how white text looks on a background with the RGB color 217, 234, 232.

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, 250

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 234, 232 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(217, 234, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 234, 232) }
```

Border

The CSS property to change the border of an element to RGB 217, 234, 232 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, 232) }
```

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

```
.border{ border-color:rgb(217, 234, 232) }
```

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, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 234, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 234, 232);  
box-shadow:4px 4px 4px 4px rgb(217, 234,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 217, 234, 232 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, 232) }
```

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

```
.background{ background-color: rgb(217,  
234, 232) }
```

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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