

Converting Colors

RGB(232, 238, 227)

Have a look what the booklet for
RGB(232, 238, 227) contains.

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Color

RGB(232, 238, 227)

Conversions

Conversions Part 1

Format	Color
Hex	E8EEE3
RGB	232, 238, 227
RGB Percent	91%, 93%, 89%
CMY	0.0902, 0.0667, 0.1098
CMYK	0.03, 0.00, 0.05, 0.07
HSL	93°, 24%, 91%
HSV	93°, 5%, 93%
XYZ	77.7184, 83.8509, 84.7617
YIQ	234.9520, -0.0450, -4.6930

Conversions

Conversions Part 2

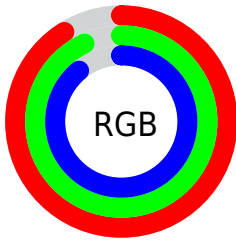
Format	Color
RYB	227, 238, 233
Decimal	15265507
CIELab	93.39, -3.94, 4.61
CIELCh	93, 6.065, 130.470
Yxy	83.8509, 0.3155, 0.3404
Android (android.graphics.Color)	4293455587 (0xFFE8EEE3)
YUV	234.9520, -3.9203, -2.5889
Hunter-Lab	91.5702, -8.7494, 9.2175

Details

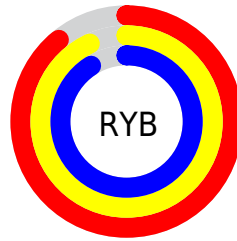
The RGB color **232, 238, 227** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **233, 227, 238**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 182, 172** is the 20% darker color. If you saturate the color by 10%, you get **219, 238, 203**, and if you desaturate by 10%, it is **245, 238, 251**.

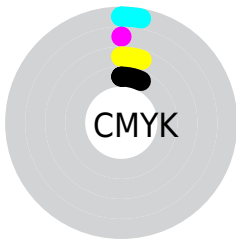
Distribution



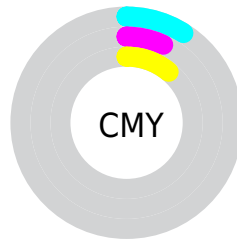
- Red (91%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 238, 227 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 232, 238, 227 by changing the saturation by 10% instead.

■ 232, 238, 227

255, 255, 255

■ 232, 238, 227

■ 204, 210, 199

■ 176, 182, 172

■ 150, 155, 145

■ 124, 129, 119

■ 99, 104, 95

■ 75, 80, 71

■ 53, 57, 49

■ 31, 36, 28

■ 7, 14, 1

■ 232, 238, 227

■ 232, 238, 227

■ 219, 238, 203

■ 245, 238, 251

■ 206, 238, 179

■ 255, 238, 255

■ 193, 238, 156

■ 180, 238, 132

■ 167, 238, 108

■ 154, 238, 84

■ 141, 238, 60

■ 128, 238, 37

■ 115, 238, 13

Harmonies

Analogous

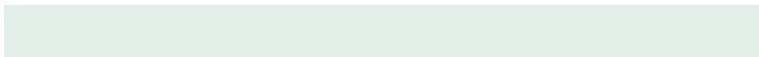
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 236, 225



232, 238, 227



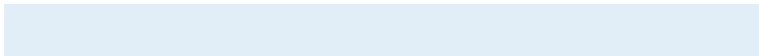
226, 239, 232

Triad

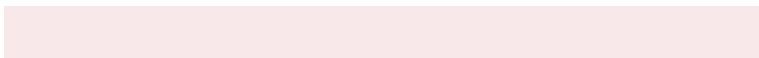
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 238, 227



226, 238, 247



249, 232, 234

Complementary

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



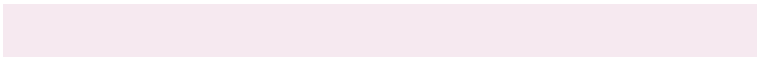
232, 238, 227



233, 227, 238

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.



246, 233, 240



232, 238, 227



233, 236, 247

Square

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



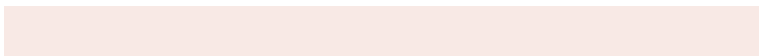
232, 238, 227



223, 239, 243



240, 234, 245



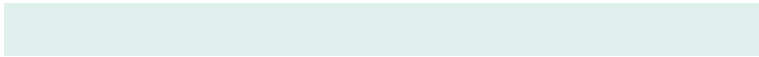
248, 233, 229

Rectangle

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



232, 238, 227



223, 240, 236



240, 234, 245



248, 232, 236

Sweetspot

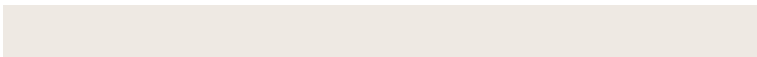
The Sweet Spot groups the original color and five complimentary colors.



232, 238, 227



254, 255, 252



238, 233, 227



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

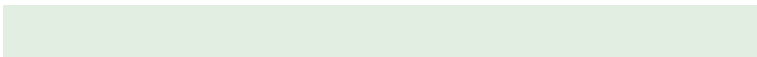
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 238, 227



247, 255, 240



227, 238, 227



115, 120, 111



83, 184, 0



26, 56, 0

Inverse Universe

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



233, 227, 238



248, 240, 255



238, 227, 238



116, 111, 120



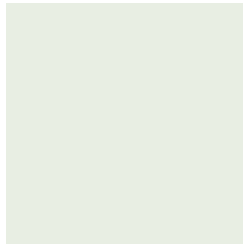
100, 0, 184



31, 0, 56

Previews

White Background



This preview shows how the RGB color 232, 238, 227 looks on a white background.

Color Contrast Check

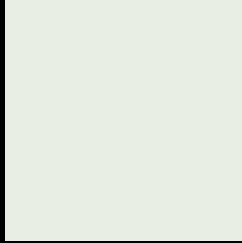
Large Text (above 18pt) WCAG AA × Fail

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 232, 238, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

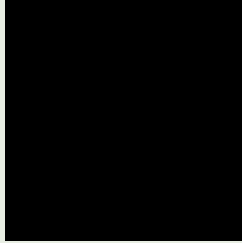
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

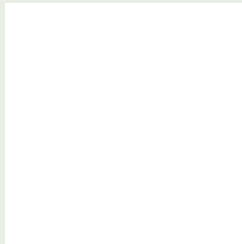
Any Text WCAG AAA ✓ Pass

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

RGB 232, 238, 227 Background



This preview shows how black text looks on a background with the RGB color 232, 238, 227.

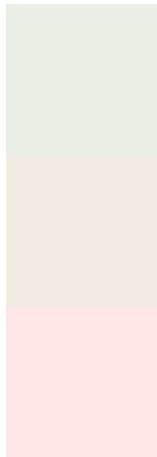


This preview shows how white text looks on a background with the RGB color 232, 238, 227.

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
232, 238, 227

Protanopia
242, 235, 225

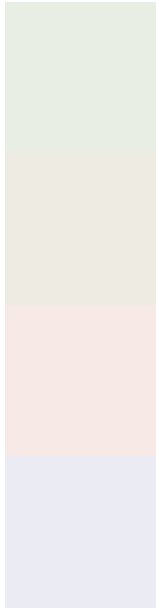
Deuteranopia
255, 230, 231



Tritanopia

236, 234, 253

Trichromacy



Original Color

232, 238, 227

Protanomaly

238, 236, 226

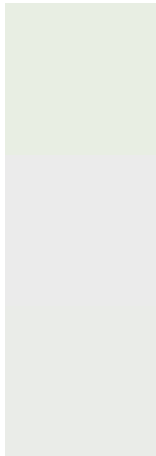
Deuteranomaly

247, 233, 230

Tritanomaly

235, 235, 244

Monochromacy



Original Color

232, 238, 227

Achromatopsia

235, 235, 235

Achromatomaly

234, 236, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 238, 227 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(232, 238, 227) looks like.

```
.text, #text, p{  
    color:rgb(232, 238, 227)  
}
```

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(232, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 238, 227) }
```

Border

The CSS property to change the border of an element to RGB 232, 238, 227 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(232, 238, 227) }
```

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

```
.border{ border-color:rgb(232, 238, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 238, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 238, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 238, 227); box-shadow:4px 4px 4px 4px rgb(232, 238, 227) }
```

Background

The CSS property to change the background color of an element to RGB 232, 238, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 238, 227) }
```

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

```
.background{ background-color: rgb(232,  
238, 227) }
```

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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