

Converting Colors

RGB(236, 247, 232)

Have a look what the booklet for
RGB(236, 247, 232) contains.

RGB(236, 247, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(236, 247, 232)

Conversions

Conversions Part 1

Format	Color
Hex	ECF7E8
RGB	236, 247, 232
RGB Percent	93%, 97%, 91%
CMY	0.0745, 0.0314, 0.0902
CMYK	0.04, 0.00, 0.06, 0.03
HSL	104°, 48%, 94%
HSV	104°, 6%, 97%
XYZ	82.4183, 90.1806, 89.4066
YIQ	242.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

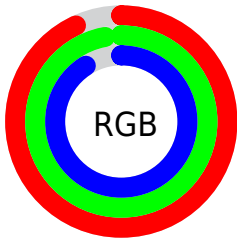
Format	Color
R _Y B	232, 247, 243
Decimal	15529960
CIE Lab	96.07, -6.27, 5.94
CIE LCh	96, 8.641, 136.543
Yxy	90.1806, 0.3146, 0.3442
Android (android.graphics.Color)	4293720040 (0xFFECEF7E8)
YUV	242.0010, -4.9305, -5.2629
Hunter-Lab	94.9635, -11.2668, 10.6538

Details

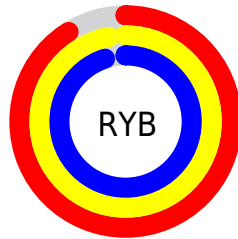
The RGB color **236, 247, 232** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 232, 247**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 191, 176** is the 20% darker color. If you saturate the color by 10%, you get **218, 247, 207**, and if you desaturate by 10%, it is **254, 247, 255**.

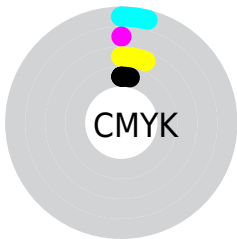
Distribution



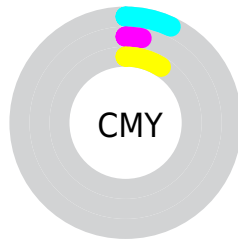
- Red (93%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (7%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 247, 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 236, 247, 232 by changing the saturation by 10% instead.

 236, 247, 232

255, 255, 255

 236, 247, 232


 208, 219, 204

 180, 191, 176

 153, 164, 150

 127, 137, 124

 102, 112, 99

 78, 88, 75

 55, 64, 53

 34, 42, 31

 12, 22, 7

 236, 247, 232

 236, 247, 232

 218, 247, 207

 254, 247, 255

 200, 247, 183

 255, 247, 255

 182, 247, 158

 164, 247, 133

 145, 247, 109

 127, 247, 84

 109, 247, 59

 91, 247, 34

 73, 247, 10

Harmonies

Analogous

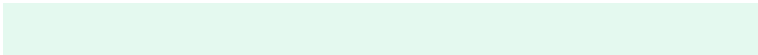
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 245, 228



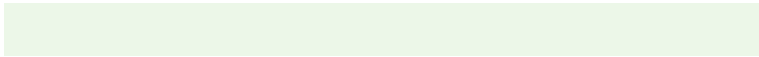
236, 247, 232



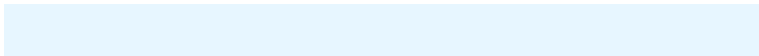
228, 249, 239

Triad

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



236, 247, 232



231, 246, 255



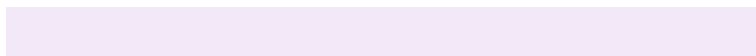
255, 238, 239

Complementary

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



236, 247, 232



243, 232, 247

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.



255, 238, 248



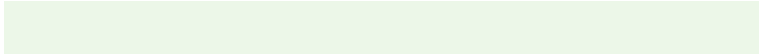
236, 247, 232



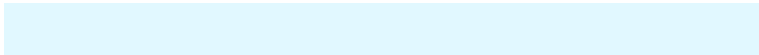
241, 243, 255

Square

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



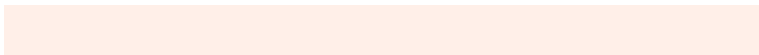
236, 247, 232



225, 248, 255



251, 240, 255



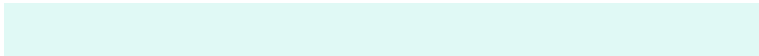
255, 239, 232

Rectangle

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



236, 247, 232



224, 249, 245



251, 240, 255



255, 238, 242

Sweetspot

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



236, 247, 232



251, 255, 250



247, 243, 232



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

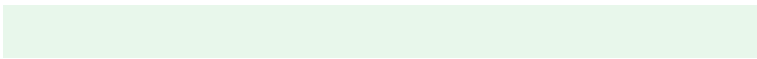
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236, 247, 232



242, 255, 237



232, 247, 235



115, 122, 113



50, 186, 0



16, 59, 0

Inverse Universe

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



243, 232, 247



250, 237, 255



247, 232, 244



120, 113, 122



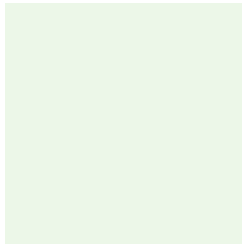
137, 0, 186



43, 0, 59

Previews

White Background



This preview shows how the RGB color 236, 247, 232 looks on a white background.

Color Contrast Check

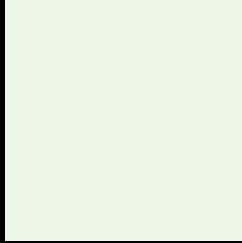
Large Text (above 18pt) WCAG AA × Fail

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 236, 247, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

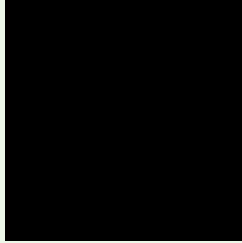
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

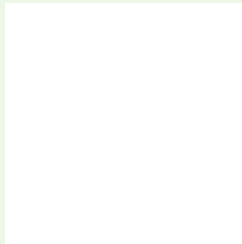
Any Text WCAG AAA ✓ Pass

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

RGB 236, 247, 232 Background



This preview shows how black text looks on a background with the RGB color 236, 247, 232.

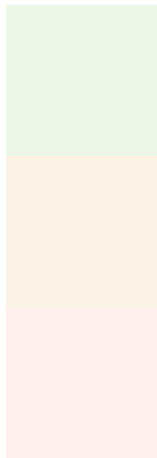


This preview shows how white text looks on a background with the RGB color 236, 247, 232.

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



Original Color
236, 247, 232

Protanopia
251, 243, 230

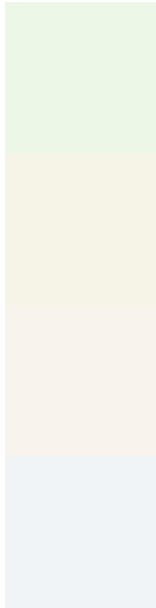
Deuteranopia
255, 240, 240



Tritanopia

242, 243, 255

Trichromacy



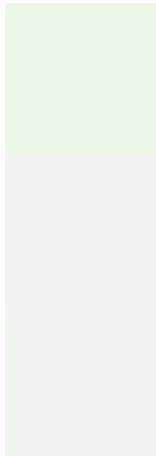
Original Color
236, 247, 232

Protanomaly
246, 244, 231

Deuteranomaly
248, 243, 237

Tritanomaly
240, 244, 247

Monochromacy



Original Color
236, 247, 232

Achromatopsia
242, 242, 242

Achromatomaly
240, 244, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 247, 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(236, 247, 232)` looks like.

```
.text, #text, p{  
    color:rgb(236, 247, 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(236, 247, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 247, 232) }
```

Border

The CSS property to change the border of an element to RGB 236, 247, 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(236, 247, 232) }
```

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

```
.border{ border-color:rgb(236, 247, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 247, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 247, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 247, 232);  
box-shadow:4px 4px 4px 4px rgb(236, 247,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 236, 247, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 247, 232) }
```

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

```
.background{ background-color: rgb(236,  
247, 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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