

Converting Colors

RGB(227, 245, 233)

Have a look what the booklet for
RGB(227, 245, 233) contains.

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Color

RGB(227, 245, 233)

Conversions

Conversions Part 1

Format	Color
Hex	E3F5E9
RGB	227, 245, 233
RGB Percent	89%, 96%, 91%
CMY	0.1098, 0.0392, 0.0863
CMYK	0.07, 0.00, 0.05, 0.04
HSL	140°, 47%, 93%
HSV	140°, 7%, 96%
XYZ	79.0389, 87.5189, 89.8178
YIQ	238.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

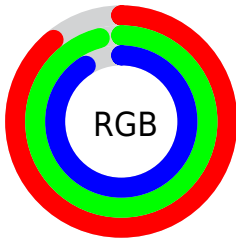
Format	Color
R_{YB}	227, 241, 245
Decimal	14939625
CIE _{Lab}	94.96, -8.08, 3.74
CIE _{LCh}	95, 8.902, 155.182
Yxy	87.5189, 0.3083, 0.3414
Android (android.graphics.Color)	4293129705 (0xFFE3F5E9)
YUV	238.2500, -2.5882, -9.8663
Hunter-Lab	93.5515, -12.9058, 8.5624

Details

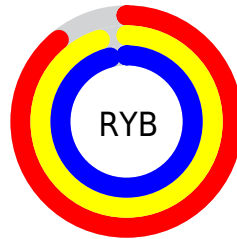
The RGB color **227, 245, 233** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **245, 227, 239**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 189, 177** is the 20% darker color. If you saturate the color by 10%, you get **203, 245, 217**, and if you desaturate by 10%, it is 251, 245, 249.

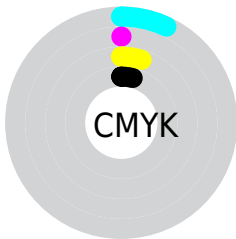
Distribution



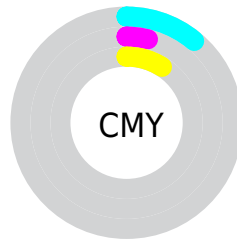
- Red (89%)
- Green (96%)
- Blue (91%)



- Red (89%)
- Yellow (95%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 245, 233 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 227, 245, 233 by changing the saturation by 10% instead.

■ 227, 245, 233

255, 255, 255

■ 227, 245, 233

■ 199, 217, 205

■ 172, 189, 177

■ 145, 162, 151

■ 119, 136, 125

■ 95, 110, 100

■ 71, 86, 76

■ 48, 63, 53


■ 27, 41, 32

■ 1, 21, 9

 227, 245, 233

 227, 245, 233

 203, 245, 217

 251, 245, 249

 178, 245, 200

 255, 245, 255

 154, 245, 184

 129, 245, 168

 104, 245, 151

 80, 245, 135

 55, 245, 119

 31, 245, 102

 6, 245, 86

Harmonies

Analogous

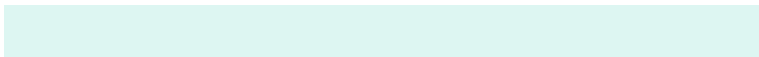
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 243, 226



227, 245, 233



221, 246, 242

Triad

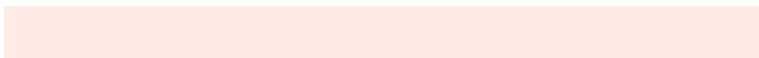
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 245, 233



234, 241, 255



255, 236, 231

Complementary

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



227, 245, 233



245, 227, 239

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, 235, 239



227, 245, 233



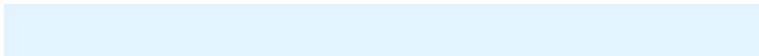
244, 238, 255

Square

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



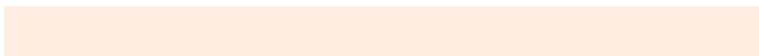
227, 245, 233



225, 243, 255



253, 236, 248



255, 238, 225

Rectangle

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



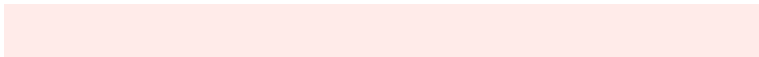
227, 245, 233



220, 246, 247



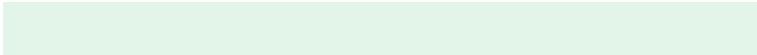
253, 236, 248



255, 235, 233

Sweetspot

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



227, 245, 233



250, 255, 252



239, 245, 227



125, 128, 126



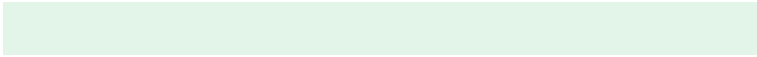
0, 0, 0



128, 128, 128

Same Dimension

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



227, 245, 233



232, 255, 240



227, 245, 242



110, 122, 114



0, 186, 62



0, 59, 20

Inverse Universe

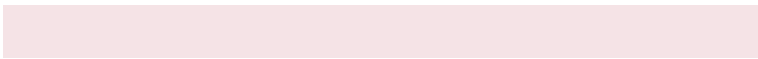
The Inverse Universe completely reimagines the original color for something new.



245, 227, 239



255, 232, 247



245, 227, 230



122, 110, 118



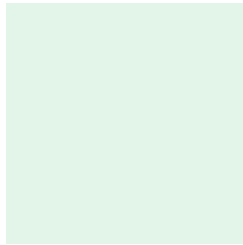
186, 0, 124



59, 0, 39

Previews

White Background



This preview shows how the RGB color 227, 245, 233 looks on a white background.

Color Contrast Check

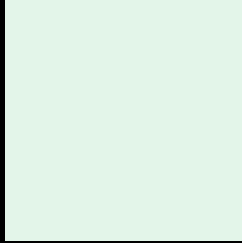
Large Text (above 18pt) WCAG AA × Fail

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 227, 245, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

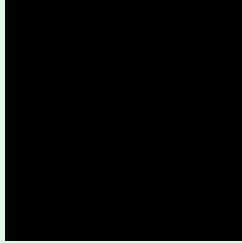
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

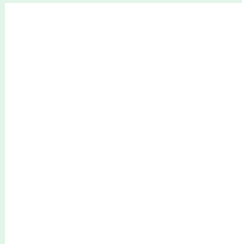
Any Text WCAG AAA ✓ Pass

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

RGB 227, 245, 233 Background



This preview shows how black text looks on a background with the RGB color 227, 245, 233.

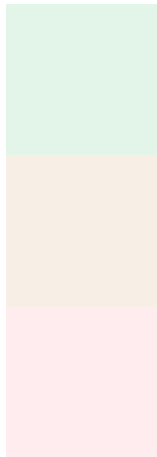


This preview shows how white text looks on a background with the RGB color 227, 245, 233.

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
227, 245, 233

Protanopia
247, 239, 230

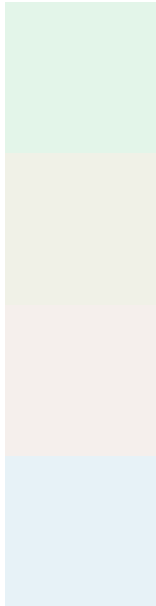
Deuteranopia
255, 236, 238



Tritanopia

234, 241, 255

Trichromacy



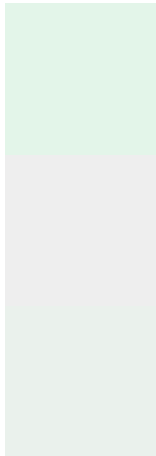
Original Color
227, 245, 233

Protanomaly
240, 241, 231

Deuteranomaly
245, 239, 236

Tritanomaly
231, 242, 247

Monochromacy



Original Color
227, 245, 233

Achromatopsia
238, 238, 238

Achromatomaly
234, 241, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 245, 233 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(227, 245, 233)` looks like.

```
.text, #text, p{  
    color:rgb(227, 245, 233)  
}
```

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(227, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 245, 233) }
```

Border

The CSS property to change the border of an element to RGB 227, 245, 233 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(227, 245, 233) }
```

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

```
.border{ border-color:rgb(227, 245, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 245, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 245, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 245, 233); box-shadow:4px 4px 4px 4px rgb(227, 245, 233) }
```

Background

The CSS property to change the background color of an element to RGB 227, 245, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 245, 233) }
```

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

```
.background{ background-color: rgb(227,  
245, 233) }
```

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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