

Converting Colors

RGB(228, 242, 237)

Have a look what the booklet for
RGB(228, 242, 237) contains.

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Color

RGB(228, 242, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E4F2ED
RGB	228, 242, 237
RGB Percent	89%, 95%, 93%
CMY	0.1059, 0.0510, 0.0706
CMYK	0.06, 0.00, 0.02, 0.05
HSL	159°, 35%, 92%
HSV	159°, 6%, 95%
XYZ	79.0331, 86.1127, 92.5767
YIQ	237.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

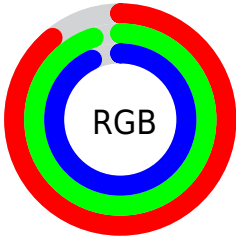
Format	Color
R _Y B	228, 237, 242
Decimal	15004397
CIE Lab	94.36, -5.52, 0.81
CIE LCh	94, 5.575, 171.694
Yxy	86.1127, 0.3067, 0.3341
Android (android.graphics.Color)	4293194477 (0xFFE4F2ED)
YUV	237.2440, -0.1203, -8.1070
Hunter-Lab	92.7969, -10.3700, 5.8085

Details

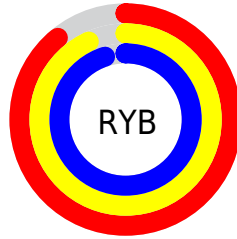
The RGB color **228, 242, 237** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **242, 228, 233**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 186, 181** is the 20% darker color. If you saturate the color by 10%, you get **204, 242, 228**, and if you desaturate by 10%, it is **252, 242, 246**.

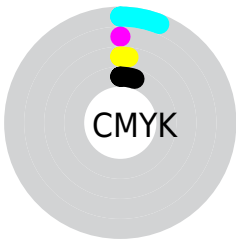
Distribution



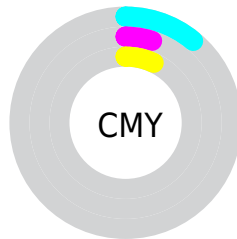
- Red (89%)
- Green (95%)
- Blue (93%)



- Red (89%)
- Yellow (93%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 242, 237 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 228, 242, 237 by changing the saturation by 10% instead.

■ 228, 242, 237

255, 255, 255

■ 228, 242, 237

■ 200, 214, 209

■ 173, 186, 181

■ 146, 159, 154

■ 120, 133, 128

■ 95, 108, 103

■ 72, 83, 79

■ 49, 60, 57

■ 28, 39, 35

■ 2, 18, 13

 228, 242, 237

 228, 242, 237

 204, 242, 228

 252, 242, 246

 180, 242, 220

 255, 242, 254

 155, 242, 211

 255, 242, 255

 131, 242, 202

 107, 242, 194

 83, 242, 185

 59, 242, 177

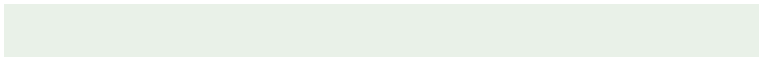
 34, 242, 168

 10, 242, 159

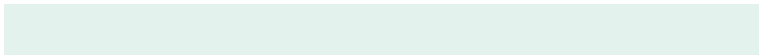
Harmonies

Analogous

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



233, 241, 232



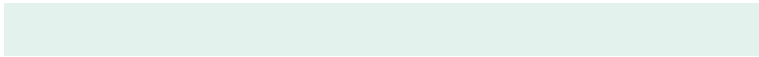
228, 242, 237



226, 242, 242

Triad

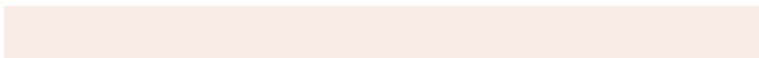
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 242, 237



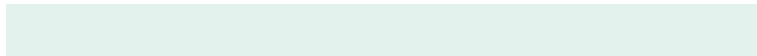
238, 238, 249



249, 236, 230

Complementary

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



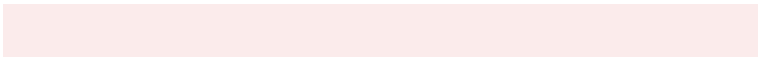
228, 242, 237



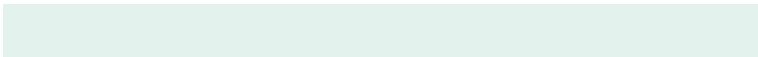
242, 228, 233

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.



251, 235, 235



228, 242, 237



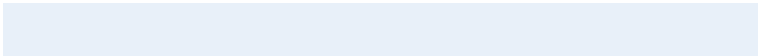
245, 236, 245

Square

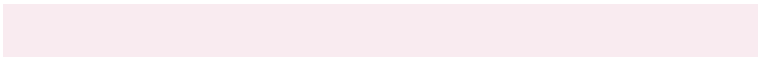
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



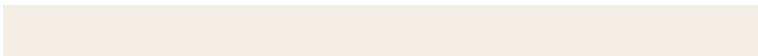
228, 242, 237



232, 240, 249



249, 235, 240



245, 238, 228

Rectangle

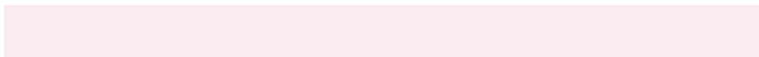
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



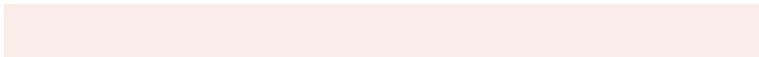
228, 242, 237



226, 242, 246



249, 235, 240



250, 236, 232

Sweetspot

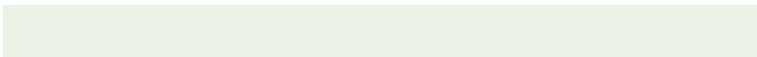
The Sweet Spot groups the original color and five complimentary colors.



228, 242, 237



250, 255, 253



233, 242, 228



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

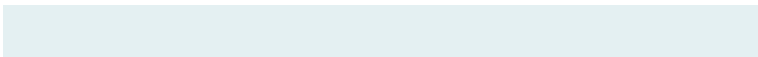
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 242, 237



237, 255, 249



228, 240, 242



110, 120, 116



0, 184, 118



0, 56, 36

Inverse Universe

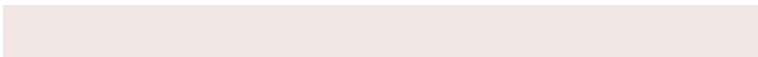
The Inverse Universe completely reimagines the original color for something new.



242, 228, 233



255, 237, 244



242, 230, 228



120, 110, 114



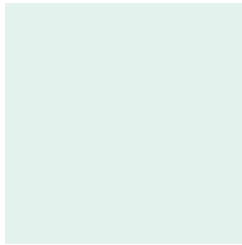
184, 0, 66



56, 0, 20

Previews

White Background



This preview shows how the RGB color 228, 242, 237 looks on a white background.

Color Contrast Check

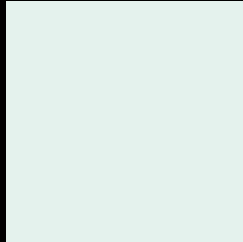
Large Text (above 18pt) WCAG AA × Fail

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 228, 242, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

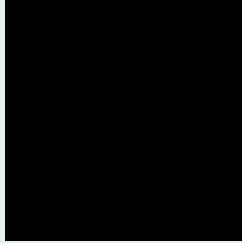
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

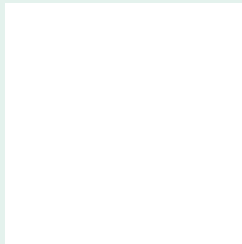
Any Text WCAG AAA ✓ Pass

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

RGB 228, 242, 237 Background



This preview shows how black text looks on a background with the RGB color 228, 242, 237.

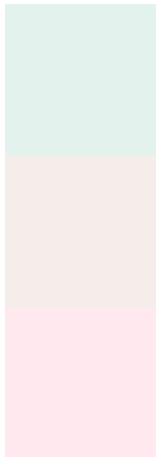


This preview shows how white text looks on a background with the RGB color 228, 242, 237.

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
228, 242, 237

Protanopia
244, 237, 234

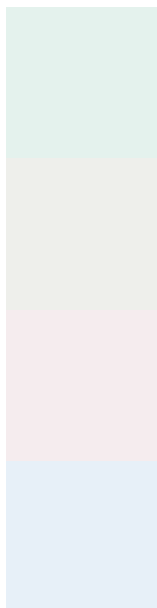
Deuteranopia
255, 233, 239



Tritanopia

232, 239, 255

Trichromacy



Original Color

228, 242, 237

Protanomaly

238, 239, 235

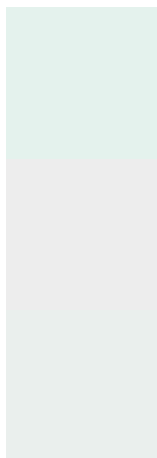
Deuteranomaly

245, 236, 238

Tritanomaly

231, 240, 248

Monochromacy



Original Color

228, 242, 237

Achromatopsia

237, 237, 237

Achromatomaly

234, 239, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 242, 237 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(228, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(228, 242, 237)  
}
```

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(228, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 242, 237) }
```

Border

The CSS property to change the border of an element to RGB 228, 242, 237 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(228, 242, 237) }
```

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

```
.border{ border-color:rgb(228, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(228, 242,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 228, 242, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 242, 237) }
```

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

```
.background{ background-color: rgb(228,  
242, 237) }
```

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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