

Converting Colors

RGB(222, 236, 237)

Have a look what the booklet for
RGB(222, 236, 237) contains.

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Color

RGB(222, 236, 237)

Conversions

Conversions Part 1

Format	Color
Hex	DEECED
RGB	222, 236, 237
RGB Percent	87%, 93%, 93%
CMY	0.1294, 0.0745, 0.0706
CMYK	0.06, 0.00, 0.00, 0.07
HSL	184°, 29%, 90%
HSV	184°, 6%, 93%
XYZ	75.4057, 81.6349, 91.9036
YIQ	231.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

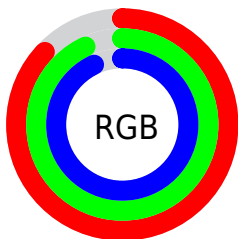
Format	Color
R _Y B	222, 229, 237
Decimal	14609645
CIE Lab	92.41, -4.43, -2.09
CIE LCh	92, 4.899, 205.272
Yxy	81.6349, 0.3029, 0.3279
Android (android.graphics.Color)	4292799725 (0xFFDEECD)
YUV	231.9280, 2.5005, -8.7069
Hunter-Lab	90.3520, -9.1441, 2.9383

Details

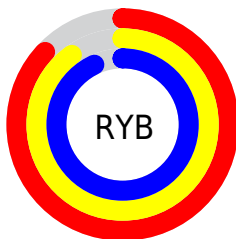
The RGB color `222, 236, 237` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `237, 223, 222`, and the grayscale version is `232, 232, 232`.

A 20% lighter version of the original color is `255, 255, 255`, and `167, 180, 181` is the 20% darker color. If you saturate the color by 10%, you get `198, 234, 237`, and if you desaturate by 10%, it is `246, 238, 237`.

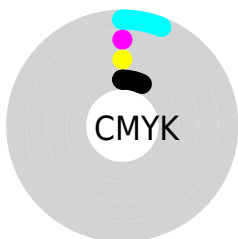
Distribution



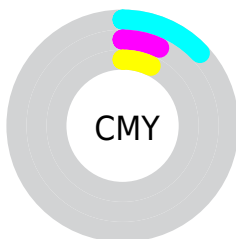
- Red (87%)
- Green (93%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 236, 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 222, 236, 237 by changing the saturation by 10% instead.

■ 222, 236, 237

255, 255, 255

■ 222, 236, 237

■ 194, 208, 209

■ 167, 180, 181

■ 140, 153, 154

■ 115, 128, 128

■ 90, 102, 103

■ 67, 78, 79

■ 44, 56, 57

■ 24, 34, 35

■ 0, 12, 13

 222, 236, 237


 222, 236, 237

 198, 234, 237

 246, 238, 237

 175, 233, 237

 255, 239, 237

 151, 231, 237

 255, 241, 237

 127, 230, 237

 255, 242, 237

 103, 228, 237

 255, 244, 237

 80, 227, 237

 255, 245, 237

 56, 225, 237

 255, 247, 237

 32, 223, 237

 255, 249, 237

 9, 222, 237

 255, 250, 237

Harmonies

Analogous

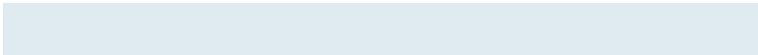
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 236, 232



222, 236, 237



224, 235, 241

Triad

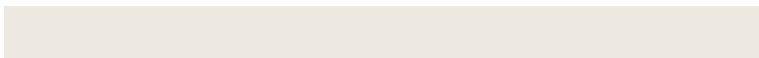
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 236, 237



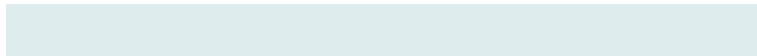
239, 231, 239



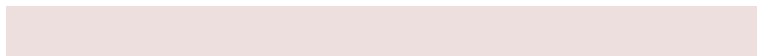
238, 233, 224

Complementary

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



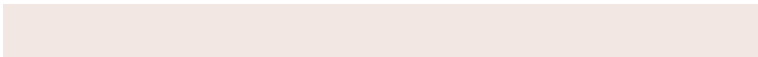
222, 236, 237



237, 223, 222

Split Complementary

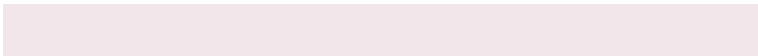
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 231, 226



222, 236, 237



243, 230, 234

Square

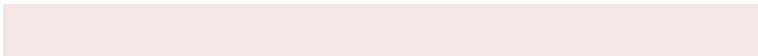
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222, 236, 237



233, 232, 242



244, 230, 229



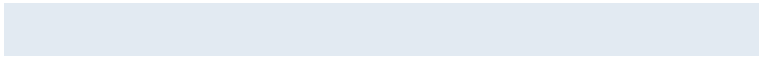
233, 234, 225

Rectangle

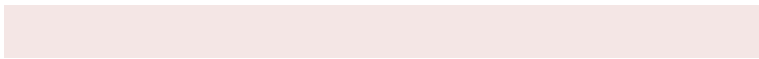
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222, 236, 237



226, 234, 242



244, 230, 229



240, 232, 224

Sweetspot

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



222, 236, 237



250, 255, 255



222, 237, 223



125, 127, 128



0, 0, 0



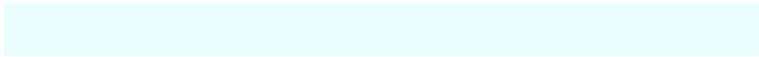
128, 128, 128

Same Dimension

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



222, 236, 237



235, 254, 255



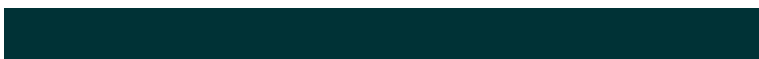
222, 228, 237



106, 117, 117



0, 169, 181



0, 50, 54

Inverse Universe

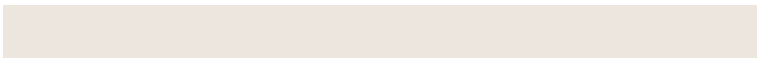
The Inverse Universe completely reimagines the original color for something new.



237, 222, 236



255, 235, 254



237, 230, 222



117, 106, 117



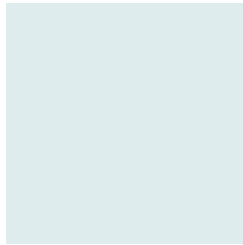
181, 0, 169



54, 0, 50

Previews

White Background



This preview shows how the RGB color 222, 236, 237 looks on a white background.

Color Contrast Check

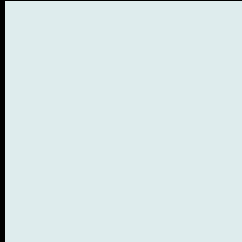
Large Text (above 18pt) WCAG AA × Fail

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 222, 236, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

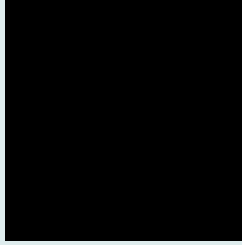
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

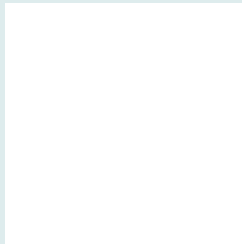
Any Text WCAG AAA ✓ Pass

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

RGB 222, 236, 237 Background



This preview shows how black text looks on a background with the RGB color 222, 236, 237.

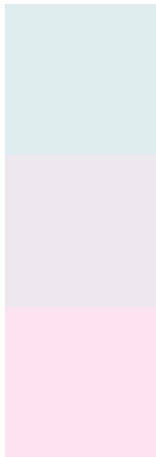


This preview shows how white text looks on a background with the RGB color 222, 236, 237.

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
[222](#), [236](#), [237](#)

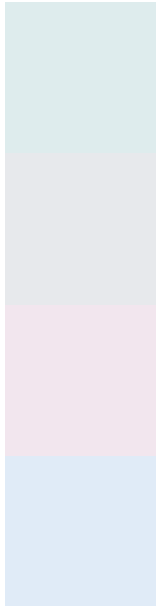
Protanopia
[236](#), [232](#), [235](#)

Deuteranopia
[253](#), [226](#), [239](#)



Tritanopia
225, 234, 252

Trichromacy



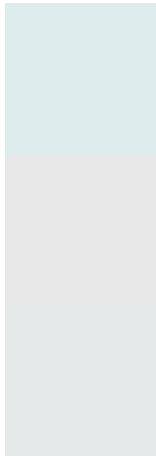
Original Color
222, 236, 237

Protanomaly
231, 233, 236

Deuteranomaly
242, 230, 238

Tritanomaly
224, 235, 247

Monochromacy



Original Color
222, 236, 237

Achromatopsia
232, 232, 232

Achromatomaly
228, 233, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 236, 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(222, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(222, 236, 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(222, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 236, 237) }
```

Border

The CSS property to change the border of an element to RGB 222, 236, 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(222, 236, 237) }
```

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

```
.border{ border-color:rgb(222, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 236,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 222, 236, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 236, 237) }
```

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

```
.background{ background-color: rgb(222,  
236, 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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