

Converting Colors

RGB(221, 241, 239)

Have a look what the booklet for
RGB(221, 241, 239) contains.

RGB(221, 241, 239)	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(221, 241, 239)

Conversions

Conversions Part 1

Format	Color
Hex	DDF1EF
RGB	221, 241, 239
RGB Percent	87%, 95%, 94%
CMY	0.1333, 0.0549, 0.0627
CMYK	0.08, 0.00, 0.01, 0.05
HSL	174°, 42%, 91%
HSV	174°, 8%, 95%
XYZ	76.8541, 84.5147, 93.9237
YIQ	234.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

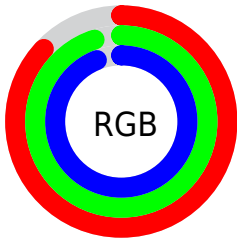
Format	Color
R _Y B	221, 232, 241
Decimal	14545391
CIE Lab	93.67, -6.92, -1.29
CIE LCh	94, 7.037, 190.593
Yxy	84.5147, 0.3010, 0.3311
Android (android.graphics.Color)	4292735471 (0xFFDDDF1EF)
YUV	234.7920, 2.0745, -12.0956
Hunter-Lab	91.9319, -11.6567, 3.7778

Details

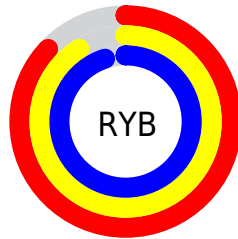
The RGB color **221, 241, 239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **241, 221, 223**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 185, 183** is the 20% darker color. If you saturate the color by 10%, you get **197, 241, 237**, and if you desaturate by 10%, it is **245, 241, 241**.

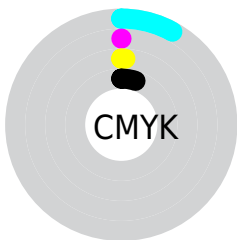
Distribution



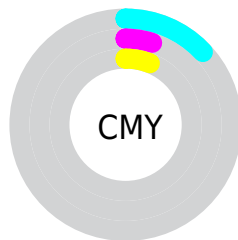
- Red (87%)
- Green (95%)
- Blue (94%)



- Red (87%)
- Yellow (91%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 241, 239 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 221, 241, 239 by changing the saturation by 10% instead.

■ 221, 241, 239

255, 255, 255

■ 221, 241, 239

■ 193, 213, 211

■ 166, 185, 183

■ 139, 158, 156

■ 114, 132, 130

■ 89, 107, 105

■ 66, 83, 81

■ 43, 59, 58

■ 22, 38, 37

■ 0, 17, 15

 221, 241, 239

 221, 241, 239

 197, 241, 237

 245, 241, 241

 173, 241, 234


 255, 241, 244

 149, 241, 232

 255, 241, 246

 125, 241, 229

 255, 241, 249

 101, 241, 227

 255, 241, 251

 76, 241, 225

 255, 241, 253

 52, 241, 222

 255, 241, 255

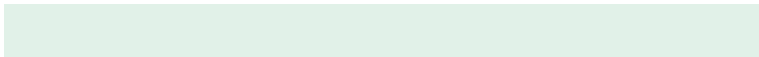
 28, 241, 220

 4, 241, 217

Harmonies

Analogous

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



225, 241, 232



221, 241, 239



221, 240, 245

Triad

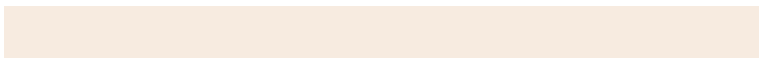
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 241, 239



241, 234, 247



247, 235, 224

Complementary

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



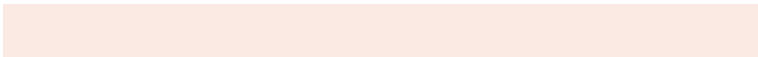
221, 241, 239



241, 221, 223

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, 233, 228



221, 241, 239



248, 233, 241

Square

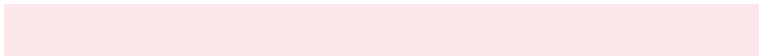
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 241, 239



233, 237, 250



252, 232, 235



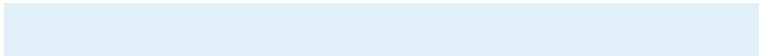
240, 237, 224

Rectangle

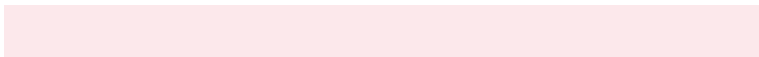
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



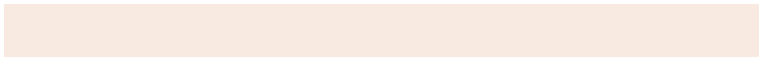
221, 241, 239



224, 239, 248



252, 232, 235



249, 234, 225

Sweetspot

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



221, 241, 239



250, 255, 254



223, 241, 221



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



221, 241, 239



230, 255, 252



221, 233, 241



108, 120, 119



0, 184, 165



0, 56, 50

Inverse Universe

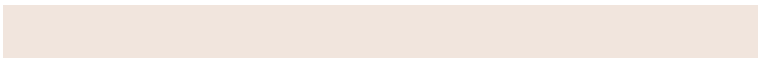
The Inverse Universe completely reimagines the original color for something new.



241, 221, 223



255, 230, 232



241, 229, 221



120, 108, 109



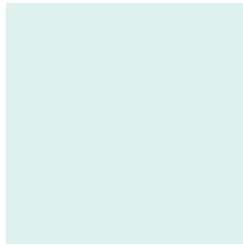
184, 0, 18



56, 0, 6

Previews

White Background



This preview shows how the RGB color 221, 241, 239 looks on a white background.

Color Contrast Check

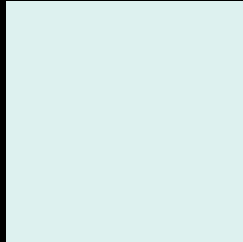
Large Text (above 18pt) WCAG AA × Fail

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 221, 241, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

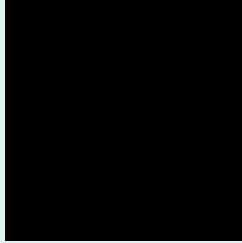
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

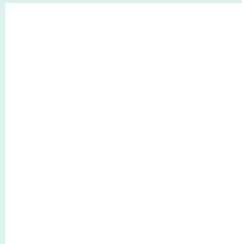
Any Text WCAG AAA ✓ Pass

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

RGB 221, 241, 239 Background



This preview shows how black text looks on a background with the RGB color 221, 241, 239.

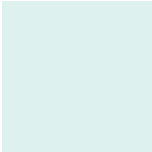


This preview shows how white text looks on a background with the RGB color 221, 241, 239.

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](#).

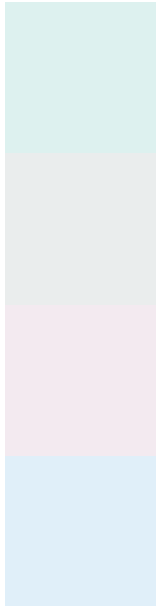
Dichromacy

	Original Color 221, 241, 239
	Protanopia 241, 235, 236
	Deuteranopia 255, 230, 241



Tritanopia
225, 238, 255

Trichromacy



Original Color

221, 241, 239

Protanomaly

234, 237, 237

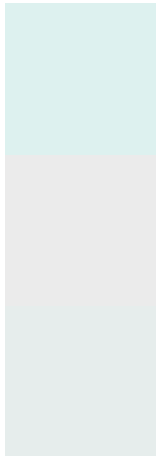
Deuteranomaly

243, 234, 240

Tritanomaly

224, 239, 249

Monochromacy



Original Color

221, 241, 239

Achromatopsia

235, 235, 235

Achromatomaly

230, 237, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 241, 239 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(221, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(221, 241, 239)  
}
```

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(221, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 241, 239) }
```

Border

The CSS property to change the border of an element to RGB 221, 241, 239 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(221, 241, 239) }
```

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

```
.border{ border-color:rgb(221, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(221, 241,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 221, 241, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 241, 239) }
```

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

```
.background{ background-color: rgb(221,  
241, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor