

Converting Colors

RGB(220, 239, 231)

Have a look what the booklet for
RGB(220, 239, 231) contains.

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Color

RGB(220, 239, 231)

Conversions

Conversions Part 1

Format	Color
Hex	DCEFE7
RGB	220, 239, 231
RGB Percent	86%, 94%, 91%
CMY	0.1373, 0.0627, 0.0941
CMYK	0.08, 0.00, 0.03, 0.06
HSL	155°, 37%, 90%
HSV	155°, 8%, 94%
XYZ	74.8055, 82.7182, 87.6248
YIQ	232.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

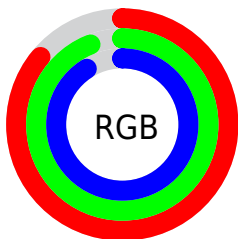
Format	Color
R _Y B	220, 232, 239
Decimal	14479335
CIE Lab	92.89, -7.72, 1.71
CIE LCh	93, 7.907, 167.497
Yxy	82.7182, 0.3051, 0.3374
Android (android.graphics.Color)	4292669415 (0xFFDCEFE7)
YUV	232.4070, -0.6937, -10.8809
Hunter-Lab	90.9495, -12.3464, 6.5420

Details

The RGB color **220, 239, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 220, 228**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **165, 183, 175** is the 20% darker color. If you saturate the color by 10%, you get **196, 239, 221**, and if you desaturate by 10%, it is **244, 239, 241**.

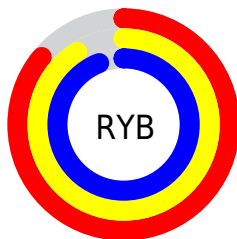
Distribution



Red (86%)

Green (94%)

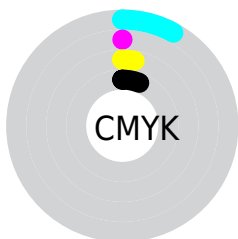
Blue (91%)



Red (86%)

Yellow (91%)

Blue (94%)

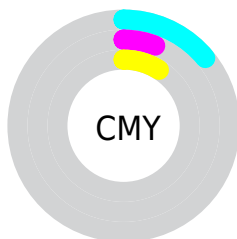


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 239, 231 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 220, 239, 231 by changing the saturation by 10% instead.

■ 220, 239, 231

255, 255, 255

■ 220, 239, 231

■ 192, 211, 203

■ 165, 183, 175

■ 139, 156, 149

■ 113, 130, 123

■ 88, 105, 98

■ 65, 81, 74

■ 43, 58, 52

■ 22, 36, 31

■ 0, 15, 6

 220, 239, 231

 220, 239, 231

 196, 239, 221

 244, 239, 241


 172, 239, 211

 255, 239, 251

 148, 239, 201

 255, 239, 255

 124, 239, 191

 101, 239, 181

 77, 239, 171

 53, 239, 161

 29, 239, 150

 5, 239, 140

Harmonies

Analogous

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



227, 238, 224



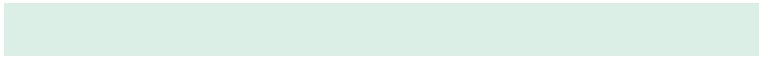
220, 239, 231



216, 239, 239

Triad

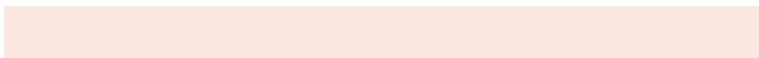
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220, 239, 231



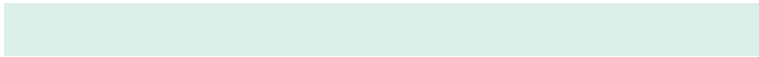
232, 234, 249



250, 231, 224

Complementary

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



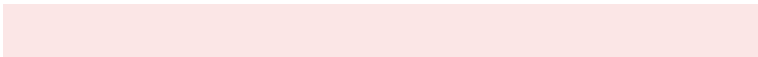
220, 239, 231



239, 220, 228

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, 230, 230



220, 239, 231



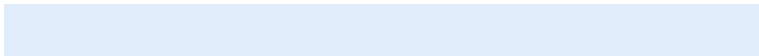
242, 231, 245

Square

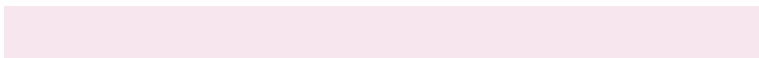
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



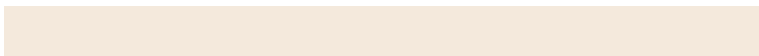
220, 239, 231



224, 236, 249



248, 230, 238



244, 233, 220

Rectangle

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



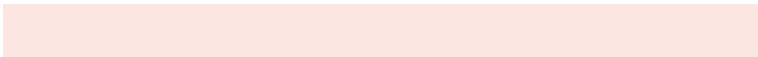
220, 239, 231



217, 239, 243



248, 230, 238



251, 230, 226

Sweetspot

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



220, 239, 231



250, 255, 253



228, 239, 220



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



220, 239, 231



230, 255, 244



220, 238, 239



108, 120, 115



0, 184, 106



0, 56, 32

Inverse Universe

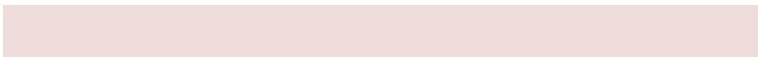
The Inverse Universe completely reimagines the original color for something new.



239, 220, 228



255, 230, 240



239, 221, 220



120, 108, 113



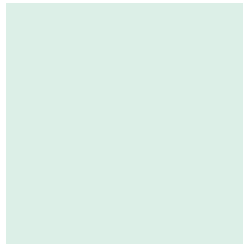
184, 0, 77



56, 0, 24

Previews

White Background



This preview shows how the RGB color 220, 239, 231 looks on a white background.

Color Contrast Check

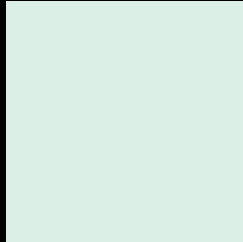
Large Text (above 18pt) WCAG AA × Fail

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 220, 239, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

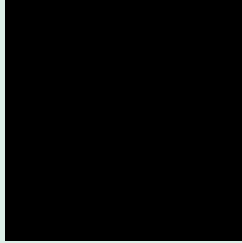
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

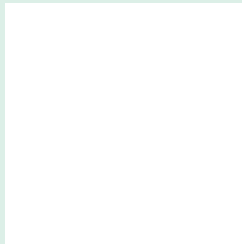
Any Text WCAG AAA ✓ Pass

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

RGB 220, 239, 231 Background



This preview shows how black text looks on a background with the RGB color 220, 239, 231.



This preview shows how white text looks on a background with the RGB color 220, 239, 231.

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

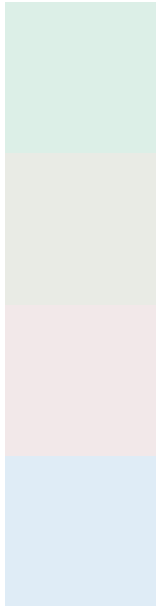




Tritanopia

224, 235, 254

Trichromacy



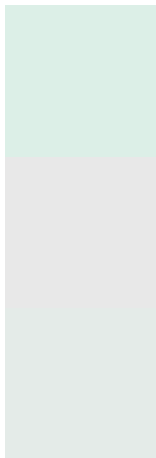
Original Color
220, 239, 231

Protanomaly
233, 235, 229

Deuteranomaly
242, 232, 233

Tritanomaly
223, 236, 246

Monochromacy



Original Color
220, 239, 231

Achromatopsia
232, 232, 232

Achromatomaly
228, 235, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 239, 231 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(220, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 231)  
}
```

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(220, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 231) }
```

Border

The CSS property to change the border of an element to RGB 220, 239, 231 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(220, 239, 231) }
```

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

```
.border{ border-color:rgb(220, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(220, 239,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 220, 239, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 231) }
```

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

```
.background{ background-color: rgb(220,  
239, 231) }
```

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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