

Converting Colors

RGB(221, 239, 223)

Have a look what the booklet for
RGB(221, 239, 223) contains.

RGB(221, 239, 223)	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, 239, 223)

Conversions

Conversions Part 1

Format	Color
Hex	DDEFDF
RGB	221, 239, 223
RGB Percent	87%, 94%, 87%
CMY	0.1333, 0.0627, 0.1255
CMYK	0.08, 0.00, 0.07, 0.06
HSL	127°, 36%, 90%
HSV	127°, 8%, 94%
XYZ	74.0046, 82.4329, 81.8227
YIQ	231.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

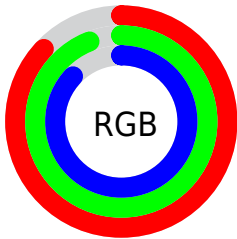
Format	Color
RYB	221, 237, 239
Decimal	14544863
CIELab	92.77, -8.83, 5.70
CIELCh	93, 10.510, 147.183
Yxy	82.4329, 0.3106, 0.3460
Android (android.graphics.Color)	4292734943 (0xFFDDEFDF)
YUV	231.7940, -4.3354, -9.4663
Hunter-Lab	90.7925, -13.3925, 10.1223

Details

The RGB color **221, 239, 223** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 221, 237**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 183, 168** is the 20% darker color. If you saturate the color by 10%, you get **197, 239, 202**, and if you desaturate by 10%, it is **245, 239, 244**.

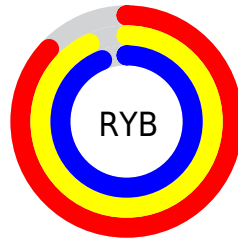
Distribution



Red (87%)

Green (94%)

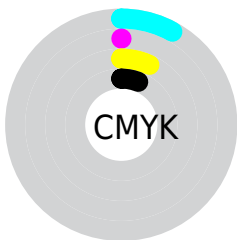
Blue (87%)



Red (87%)

Yellow (93%)

Blue (94%)

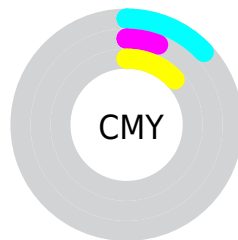


Cyan (8%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (13%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 239, 223 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, 239, 223 by changing the saturation by 10% instead.

■ 221, 239, 223

255, 255, 255

■ 221, 239, 223

■ 193, 211, 195

■ 166, 183, 168

■ 140, 156, 141

■ 114, 130, 116

■ 89, 105, 91

■ 66, 81, 68

■ 44, 58, 46

■ 23, 36, 25

■ 0, 16, 0

 221, 239, 223

 221, 239, 223

 197, 239, 202

 245, 239, 244

 173, 239, 181

 255, 239, 255

 149, 239, 159

 125, 239, 138

 102, 239, 117

 78, 239, 96

 54, 239, 74

 30, 239, 53

 6, 239, 32

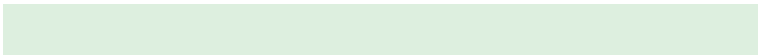
Harmonies

Analogous

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



232, 236, 216



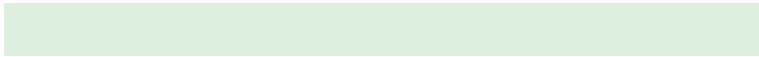
221, 239, 223



212, 240, 233

Triad

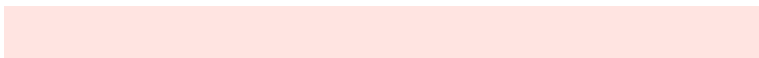
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 239, 223



223, 235, 254



255, 228, 225

Complementary

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



221, 239, 223



239, 221, 237

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.



254, 228, 236



221, 239, 223



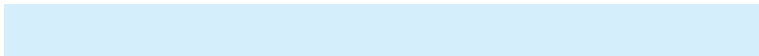
235, 232, 252

Square

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



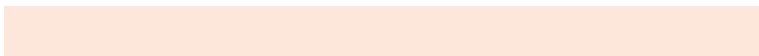
221, 239, 223



213, 238, 251



247, 229, 245



253, 230, 218

Rectangle

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



221, 239, 223



210, 240, 240



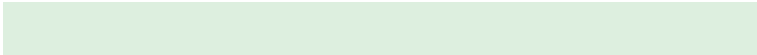
247, 229, 245



255, 228, 229

Sweetspot

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



221, 239, 223



250, 255, 250



237, 239, 221



125, 128, 125



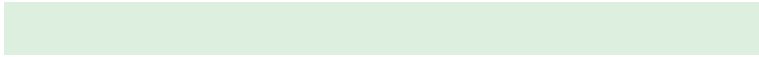
0, 0, 0



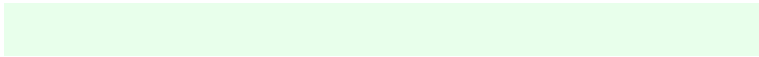
128, 128, 128

Same Dimension

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



221, 239, 223



232, 255, 235



221, 239, 232



108, 120, 109



0, 184, 20



0, 56, 6

Inverse Universe

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



239, 221, 237



255, 232, 252



239, 221, 228



120, 108, 119



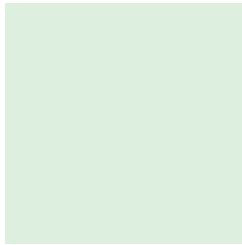
184, 0, 163



56, 0, 50

Previews

White Background



This preview shows how the RGB color 221, 239, 223 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, 239, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

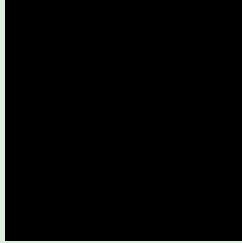
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

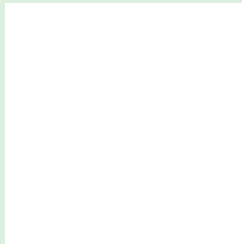
Any Text WCAG AAA ✓ Pass

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

RGB 221, 239, 223 Background



This preview shows how black text looks on a background with the RGB color 221, 239, 223.

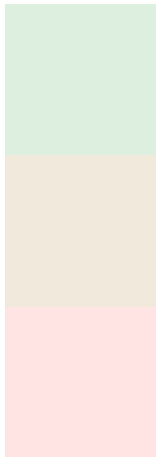


This preview shows how white text looks on a background with the RGB color 221, 239, 223.

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, 239, 223

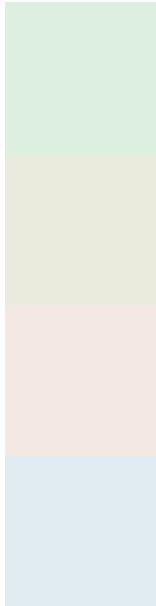
Protanopia
241, 233, 220

Deuteranopia
255, 228, 227



Tritanopia
226, 235, 253

Trichromacy



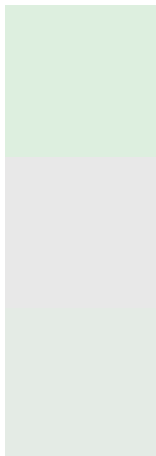
Original Color
221, 239, 223

Protanomaly
234, 235, 221

Deuteranomaly
243, 232, 226

Tritanomaly
224, 236, 242

Monochromacy



Original Color
221, 239, 223

Achromatopsia
232, 232, 232

Achromatomaly
228, 235, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 239, 223 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, 239, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 239, 223)  
}
```

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, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 239, 223) }
```

Border

The CSS property to change the border of an element to RGB 221, 239, 223 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, 239, 223) }
```

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

```
.border{ border-color:rgb(221, 239, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 239, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 239, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 239, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 239,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 221, 239, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 239, 223) }
```

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

```
.background{ background-color: rgb(221,  
239, 223) }
```

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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