

Converting Colors

RGB(231, 239, 220)

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

RGB(231, 239, 220)	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(231, 239, 220)

Conversions

Conversions Part 1

Format	Color
Hex	E7EFDC
RGB	231, 239, 220
RGB Percent	91%, 94%, 86%
CMY	0.0941, 0.0627, 0.1373
CMYK	0.03, 0.00, 0.08, 0.06
HSL	85°, 37%, 90%
HSV	85°, 8%, 94%
XYZ	76.7398, 83.8892, 79.8578
YIQ	234.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

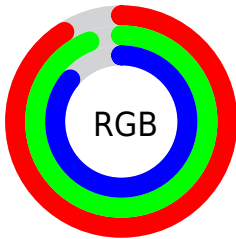
Format	Color
R_{YB}	220, 239, 228
Decimal	15200220
CIE Lab	93.40, -5.98, 8.26
CIE LCh	93, 10.198, 125.894
Yxy	83.8892, 0.3191, 0.3488
Android (android.graphics.Color)	4293390300 (0xFFE7EFDC)
YUV	234.4420, -7.1199, -3.0186
Hunter-Lab	91.5911, -10.7278, 12.4191

Details

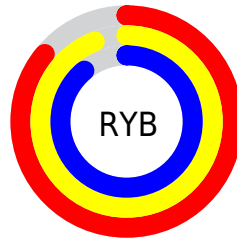
The RGB color **231, 239, 220** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **228, 220, 239**, and the grayscale version is **235, 235, 235**.

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

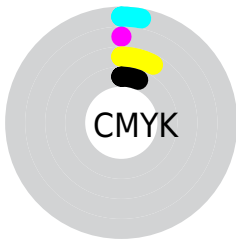
Distribution



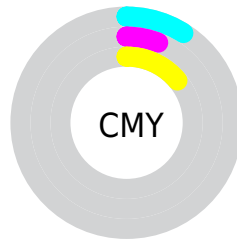
- Red (91%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

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

■ 231, 239, 220

255, 255, 255

■ 231, 239, 220

■ 203, 211, 192

■ 175, 183, 165

■ 149, 156, 139

■ 123, 130, 113

■ 98, 105, 89

■ 74, 81, 65

■ 52, 58, 43

■ 30, 36, 23


■ 4, 16, 0

 231, 239, 220

 231, 239, 220

 221, 239, 196


 241, 239, 244


 211, 239, 172


 251, 239, 255


 201, 239, 148


 255, 239, 255

 191, 239, 124

 181, 239, 101

 171, 239, 77

 161, 239, 53

 150, 239, 29

 140, 239, 5

Harmonies

Analogous

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



242, 236, 217



231, 239, 220



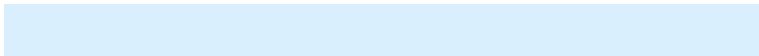
220, 241, 228

Triad

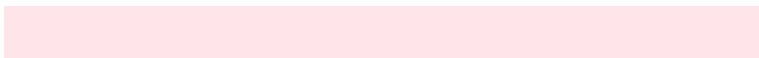
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 239, 220



218, 239, 254



255, 229, 234

Complementary

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



231, 239, 220



228, 220, 239

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, 244



231, 239, 220



228, 236, 255

Square

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



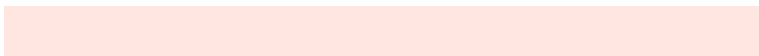
231, 239, 220



212, 241, 247



241, 233, 252



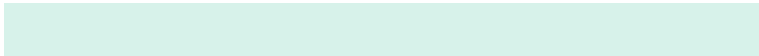
255, 230, 225

Rectangle

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



231, 239, 220



215, 242, 234



241, 233, 252



255, 230, 238

Sweetspot

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



231, 239, 220



253, 255, 250



239, 228, 220



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



231, 239, 220



244, 255, 230



222, 239, 220



115, 120, 108



106, 184, 0



32, 56, 0

Inverse Universe

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



228, 220, 239



240, 230, 255



237, 220, 239



113, 108, 120



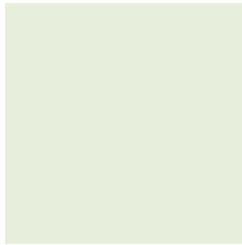
77, 0, 184



24, 0, 56

Previews

White Background



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

Color Contrast Check

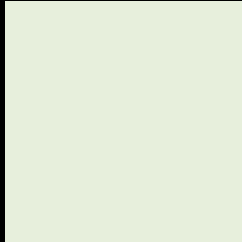
Large Text (above 18pt) WCAG AA × Fail

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 231, 239, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

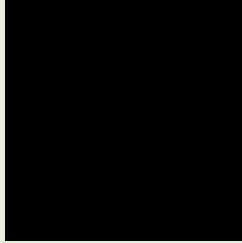
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

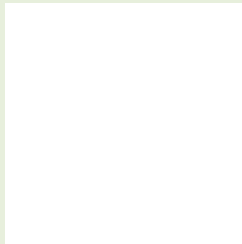
Any Text WCAG AAA ✓ Pass

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

RGB 231, 239, 220 Background



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



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

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

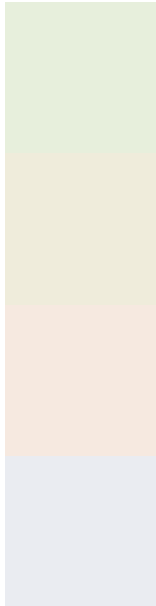




Tritanopia

236, 234, 253

Trichromacy



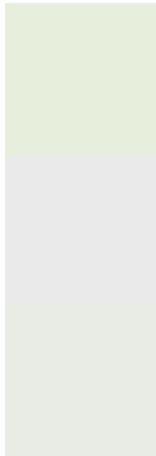
Original Color
231, 239, 220

Protanomaly
239, 236, 219

Deuteranomaly
246, 233, 224

Tritanomaly
234, 236, 241

Monochromacy



Original Color
231, 239, 220

Achromatopsia
234, 234, 234

Achromatomaly
233, 236, 229

CSS Examples

Text

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

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

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

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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