

Converting Colors

RGB(231, 239, 225)

Have a look what the booklet for
RGB(231, 239, 225) contains.

RGB(231, 239, 225)	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, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E7EFE1
RGB	231, 239, 225
RGB Percent	91%, 94%, 88%
CMY	0.0941, 0.0627, 0.1176
CMYK	0.03, 0.00, 0.06, 0.06
HSL	94°, 30%, 91%
HSV	94°, 6%, 94%
XYZ	77.4121, 84.1582, 83.3983
YIQ	235.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

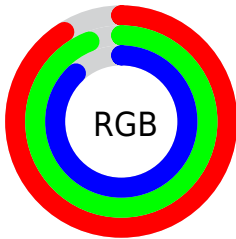
Format	Color
R_{YB}	225, 239, 233
Decimal	15200225
CIE Lab	93.52, -5.13, 5.84
CIE LCh	94, 7.767, 131.299
Yxy	84.1582, 0.3160, 0.3435
Android (android.graphics.Color)	4293390305 (0xFFE7EFE1)
YUV	235.0120, -4.9359, -3.5185
Hunter-Lab	91.7378, -9.9154, 10.3162

Details

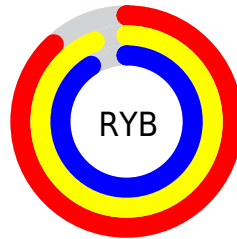
The RGB color **231, 239, 225** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **233, 225, 239**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 183, 170** is the 20% darker color. If you saturate the color by 10%, you get **217, 239, 201**, and if you desaturate by 10%, it is **245, 239, 249**.

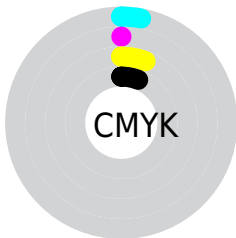
Distribution



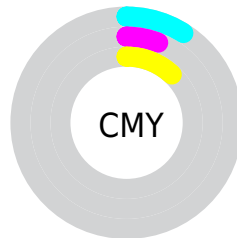
- Red (91%)
- Green (94%)
- Blue (88%)



- Red (88%)
- Yellow (94%)
- Blue (91%)



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



- Cyan (9%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 239, 225 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, 225 by changing the saturation by 10% instead.

■ 231, 239, 225

255, 255, 255

■ 231, 239, 225

■ 203, 211, 197

■ 175, 183, 170

■ 149, 156, 143

■ 123, 130, 118

■ 98, 105, 93

■ 74, 81, 69

■ 52, 58, 47

■ 30, 36, 26

■ 6, 15, 0

 231, 239, 225

 231, 239, 225

 217, 239, 201

 245, 239, 249

 204, 239, 177


 255, 239, 255

 190, 239, 153


 176, 239, 129

 163, 239, 105

 149, 239, 82

 135, 239, 58

 122, 239, 34

 108, 239, 10

Harmonies

Analogous

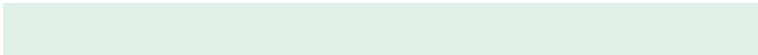
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 237, 222



231, 239, 225



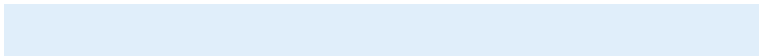
223, 241, 231

Triad

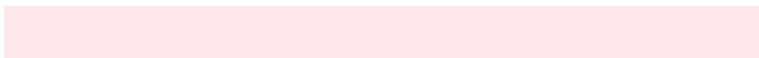
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 239, 225



224, 238, 250



253, 231, 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, 225



233, 225, 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.



249, 232, 241



231, 239, 225



232, 236, 251

Square

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



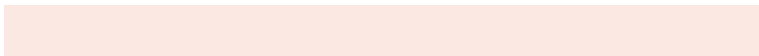
231, 239, 225



219, 240, 246



241, 234, 248



252, 232, 227

Rectangle

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



231, 239, 225



220, 241, 236



241, 234, 248



252, 231, 236

Sweetspot

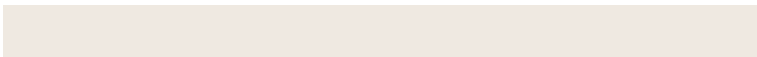
The Sweet Spot groups the original color and five complimentary colors.



231, 239, 225



252, 255, 250



239, 233, 225



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

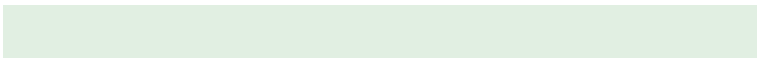
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 239, 225



245, 255, 237



225, 239, 226



114, 120, 110



79, 184, 0



24, 56, 0

Inverse Universe

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



233, 225, 239



247, 237, 255



239, 225, 238



116, 110, 120



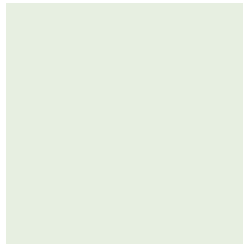
105, 0, 184



32, 0, 56

Previews

White Background



This preview shows how the RGB color 231, 239, 225 looks on a white background.

Color Contrast Check

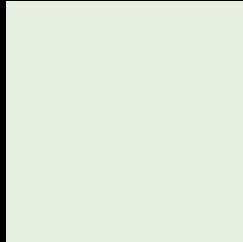
Large Text (above 18pt) WCAG AA × Fail

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, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

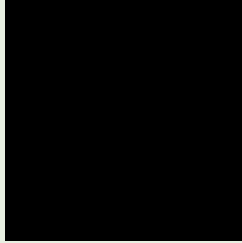
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

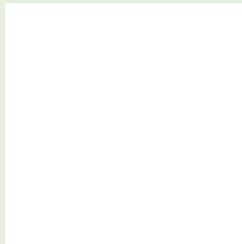
Any Text WCAG AAA ✓ Pass

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

RGB 231, 239, 225 Background



This preview shows how black text looks on a background with the RGB color 231, 239, 225.



This preview shows how white text looks on a background with the RGB color 231, 239, 225.

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](#).

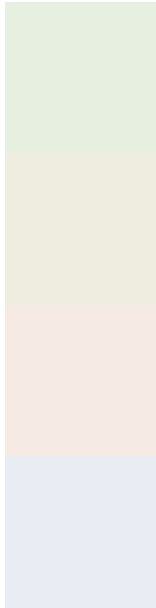
Dichromacy





Tritanopia
235, 235, 253

Trichromacy



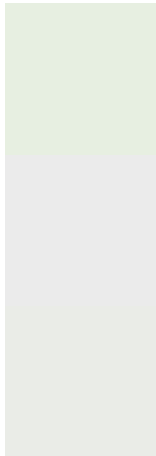
Original Color
231, 239, 225

Protanomaly
239, 236, 224

Deuteranomaly
246, 234, 228

Tritanomaly
234, 236, 243

Monochromacy



Original Color
231, 239, 225

Achromatopsia
235, 235, 235

Achromatomaly
234, 236, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 239, 225 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(231, 239, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 239, 225) }
```

Border

The CSS property to change the border of an element to RGB 231, 239, 225 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, 225) }
```

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

```
.border{ border-color:rgb(231, 239, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 239, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 239, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 239,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 231, 239, 225 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, 225) }
```

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

```
.background{ background-color: rgb(231,  
239, 225) }
```

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