

Converting Colors

RGB(231, 240, 225)

Have a look what the booklet for
RGB(231, 240, 225) contains.

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Color

RGB(231, 240, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E7F0E1
RGB	231, 240, 225
RGB Percent	91%, 94%, 88%
CMY	0.0941, 0.0588, 0.1176
CMYK	0.04, 0.00, 0.06, 0.06
HSL	96°, 33%, 91%
HSV	96°, 6%, 94%
XYZ	77.7057, 84.7453, 83.4961
YIQ	235.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

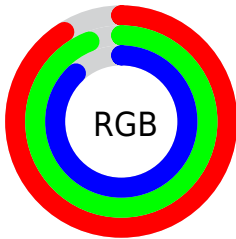
Format	Color
R_{YB}	225, 240, 234
Decimal	15200481
CIE Lab	93.77, -5.63, 6.20
CIE LCh	94, 8.378, 132.243
Yxy	84.7453, 0.3159, 0.3446
Android (android.graphics.Color)	4293390561 (0xFFE7F0E1)
YUV	235.5990, -5.2253, -4.0333
Hunter-Lab	92.0572, -10.4280, 10.6639

Details

The RGB color **231, 240, 225** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **234, 225, 240**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 184, 170** is the 20% darker color. If you saturate the color by 10%, you get **217, 240, 201**, and if you desaturate by 10%, it is **245, 240, 249**.

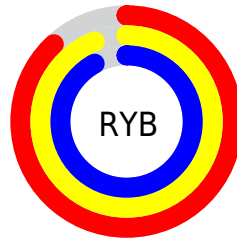
Distribution



Red (91%)

Green (94%)

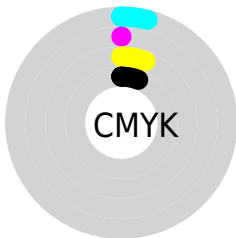
Blue (88%)



Red (88%)

Yellow (94%)

Blue (92%)

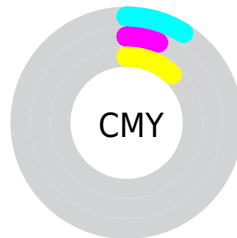


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 240, 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, 240, 225 by changing the saturation by 10% instead.

■ 231, 240, 225

255, 255, 255

■ 231, 240, 225

■ 203, 212, 197

■ 175, 184, 170

■ 149, 157, 143

■ 123, 131, 118

■ 98, 106, 93

■ 74, 82, 69

■ 52, 59, 47

■ 30, 37, 26

■ 6, 16, 0

 231, 240, 225

 231, 240, 225

 217, 240, 201

 245, 240, 249


 202, 240, 177


 255, 240, 255

 188, 240, 153


 173, 240, 129

 159, 240, 105

 145, 240, 81

 130, 240, 57

 116, 240, 33

 101, 240, 9

Harmonies

Analogous

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



240, 238, 221



231, 240, 225



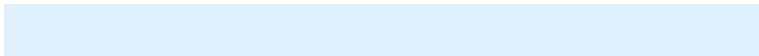
223, 242, 232

Triad

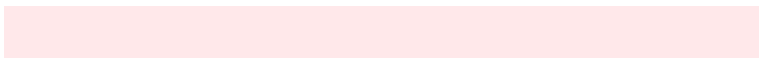
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 240, 225



224, 239, 252



255, 232, 234

Complementary

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



231, 240, 225



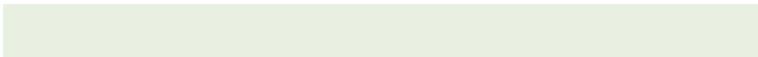
234, 225, 240

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, 232, 242



231, 240, 225



233, 237, 253

Square

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



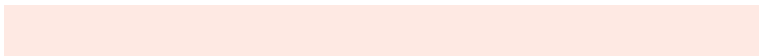
231, 240, 225



218, 241, 248



243, 234, 249



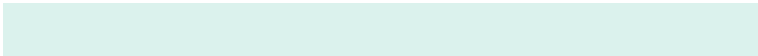
254, 233, 227

Rectangle

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



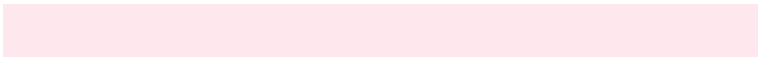
231, 240, 225



219, 242, 237



243, 234, 249



254, 232, 237

Sweetspot

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



231, 240, 225



252, 255, 250



240, 234, 225



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

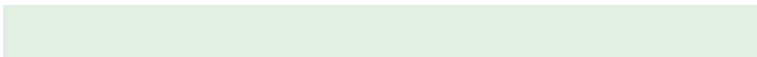
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 240, 225



243, 255, 235



225, 240, 226



113, 120, 108



73, 184, 0



22, 56, 0

Inverse Universe

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



234, 225, 240



247, 235, 255



240, 225, 238



115, 108, 120



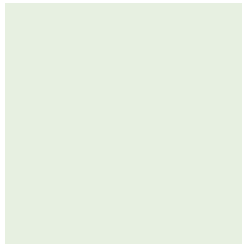
110, 0, 184



34, 0, 56

Previews

White Background



This preview shows how the RGB color 231, 240, 225 looks on a white background.

Color Contrast Check

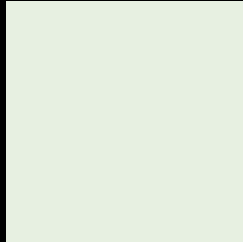
Large Text (above 18pt) WCAG AA × Fail

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, 240, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

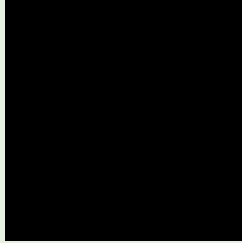
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

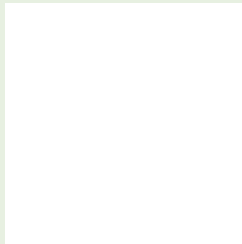
Any Text WCAG AAA ✓ Pass

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

RGB 231, 240, 225 Background



This preview shows how black text looks on a background with the RGB color 231, 240, 225.



This preview shows how white text looks on a background with the RGB color 231, 240, 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

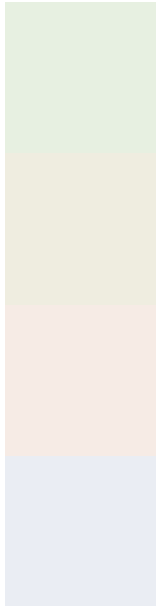




Tritanopia

236, 236, 254

Trichromacy



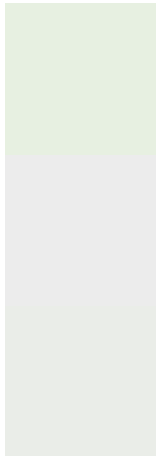
Original Color
231, 240, 225

Protanomaly
239, 237, 224

Deuteranomaly
246, 235, 229

Tritanomaly
234, 237, 243

Monochromacy



Original Color
231, 240, 225

Achromatopsia
236, 236, 236

Achromatomaly
234, 237, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 240, 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, 240, 225)` looks like.

```
.text, #text, p{  
    color:rgb(231, 240, 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, 240, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 240, 225) }
```

Border

The CSS property to change the border of an element to RGB 231, 240, 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, 240, 225) }
```

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

```
.border{ border-color:rgb(231, 240, 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, 240, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 240, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 240, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 240,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 231, 240, 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, 240, 225) }
```

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

```
.background{ background-color: rgb(231,  
240, 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](#).

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