

Converting Colors

RGB(231, 240, 219)

Have a look what the booklet for
RGB(231, 240, 219) contains.

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Color

RGB(231, 240, 219)

Conversions

Conversions Part 1

Format	Color
Hex	E7F0DB
RGB	231, 240, 219
RGB Percent	91%, 94%, 86%
CMY	0.0941, 0.0588, 0.1412
CMYK	0.04, 0.00, 0.09, 0.06
HSL	86°, 41%, 90%
HSV	86°, 9%, 94%
XYZ	76.9013, 84.4236, 79.2601
YIQ	234.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

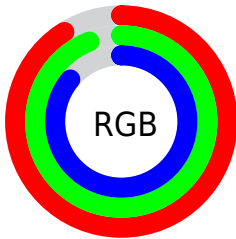
Format	Color
RYP	219, 240, 228
Decimal	15200475
CIELab	93.63, -6.65, 9.11
CIElCh	94, 11.281, 126.128
Yxy	84.4236, 0.3196, 0.3509
Android (android.graphics.Color)	4293390555 (0xFFE7F0DB)
YUV	234.9150, -7.8461, -3.4335
Hunter-Lab	91.8823, -11.3977, 13.1725

Details

The RGB color **231, 240, 219** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **228, 219, 240**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 184, 164** is the 20% darker color. If you saturate the color by 10%, you get **221, 240, 195**, and if you desaturate by 10%, it is **241, 240, 243**.

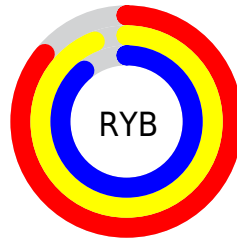
Distribution



Red (91%)

Green (94%)

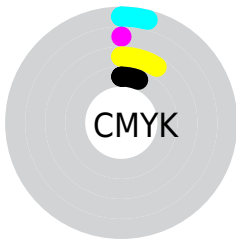
Blue (86%)



Red (86%)

Yellow (94%)

Blue (89%)

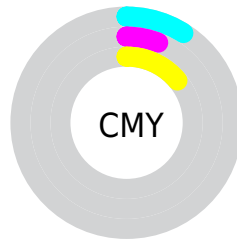


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 240, 219 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, 219 by changing the saturation by 10% instead.

■ 231, 240, 219

255, 255, 255

■ 231, 240, 219

■ 203, 212, 191

■ 175, 184, 164

■ 149, 157, 138

■ 123, 131, 112

■ 98, 106, 88

■ 74, 82, 65

■ 51, 59, 42


■ 30, 37, 22

■ 3, 17, 0

 231, 240, 219

 231, 240, 219

 221, 240, 195

 241, 240, 243


 210, 240, 171


 252, 240, 255

 200, 240, 147

 255, 240, 255

 190, 240, 123

 180, 240, 99

 169, 240, 75

 159, 240, 51

 149, 240, 27

 138, 240, 3

Harmonies

Analogous

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



244, 237, 215



231, 240, 219



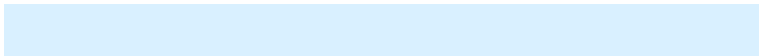
219, 242, 228

Triad

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



231, 240, 219



217, 240, 255



255, 229, 235

Complementary

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



231, 240, 219



228, 219, 240

Split Complementary

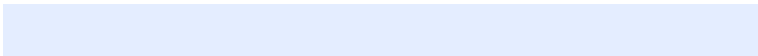
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 230, 246



231, 240, 219



228, 237, 255

Square

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



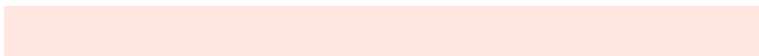
231, 240, 219



210, 243, 249



242, 233, 254



255, 230, 224

Rectangle

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



231, 240, 219



213, 243, 235



242, 233, 254



255, 230, 239

Sweetspot

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



231, 240, 219



252, 255, 247



240, 228, 219



125, 128, 122



0, 0, 0



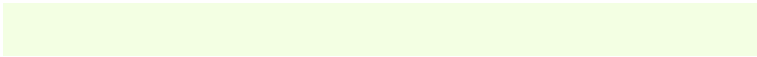
128, 128, 128

Same Dimension

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



231, 240, 219



243, 255, 227



221, 240, 219



115, 120, 108



105, 184, 0



32, 56, 0

Inverse Universe

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



228, 219, 240



239, 227, 255



238, 219, 240



113, 108, 120



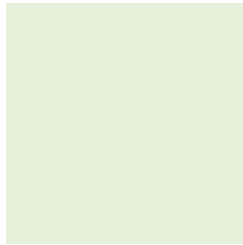
79, 0, 184



24, 0, 56

Previews

White Background



This preview shows how the RGB color 231, 240, 219 looks on a white background.

Color Contrast Check

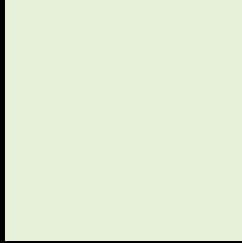
Large Text (above 18pt) WCAG AA × Fail

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, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

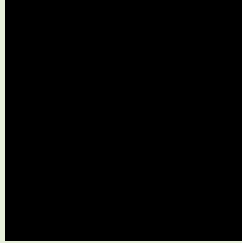
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

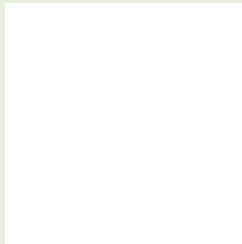
Any Text WCAG AAA ✓ Pass

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

RGB 231, 240, 219 Background



This preview shows how black text looks on a background with the RGB color 231, 240, 219.

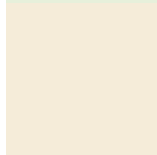


This preview shows how white text looks on a background with the RGB color 231, 240, 219.

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

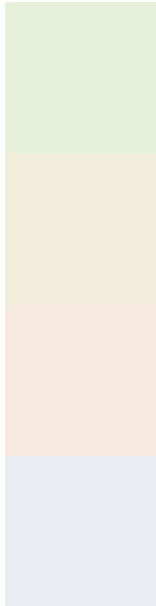
	Original Color 231, 240, 219
	Protanopia 245, 236, 217
	Deuteranopia 255, 231, 227



Tritanopia

236, 235, 254

Trichromacy



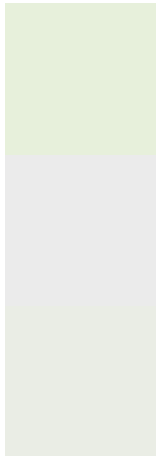
Original Color
231, 240, 219

Protanomaly
240, 237, 218

Deuteranomaly
246, 234, 224

Tritanomaly
234, 237, 241

Monochromacy



Original Color
231, 240, 219

Achromatopsia
235, 235, 235

Achromatomaly
234, 237, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 240, 219 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(231, 240, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 240, 219) }
```

Border

The CSS property to change the border of an element to RGB 231, 240, 219 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, 219) }
```

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

```
.border{ border-color:rgb(231, 240, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(231, 240,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 231, 240, 219 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, 219) }
```

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

```
.background{ background-color: rgb(231,  
240, 219) }
```

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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