

Converting Colors

RGB(231, 244, 199)

Have a look what the booklet for
RGB(231, 244, 199) contains.

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Color

RGB(231, 244, 199)

Conversions

Conversions Part 1

Format	Color
Hex	E7F4C7
RGB	231, 244, 199
RGB Percent	91%, 96%, 78%
CMY	0.0941, 0.0431, 0.2196
CMYK	0.05, 0.00, 0.18, 0.04
HSL	77°, 67%, 87%
HSV	77°, 18%, 96%
XYZ	75.6145, 85.8138, 66.6112
YIQ	234.9830, 6.6970, -16.7510

Conversions

Conversions Part 2

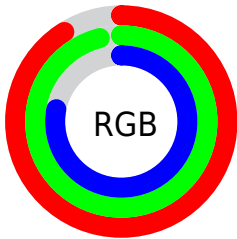
Format	Color
RYB	199, 244, 212
Decimal	15201479
CIELab	94.23, -11.84, 20.27
CIELCh	94, 23.480, 120.294
Yxy	85.8138, 0.3316, 0.3763
Android (android.graphics.Color)	4293391559 (0xFFE7F4C7)
YUV	234.9830, -17.7396, -3.4931
Hunter-Lab	92.6357, -16.4109, 22.2116

Details

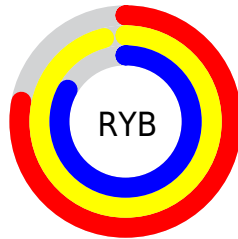
The RGB color **231, 244, 199** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **212, 199, 244**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 188, 145** is the 20% darker color. If you saturate the color by 10%, you get **224, 244, 175**, and if you desaturate by 10%, it is **238, 244, 223**.

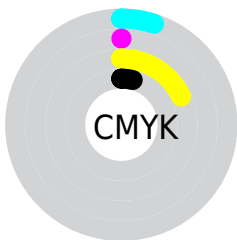
Distribution



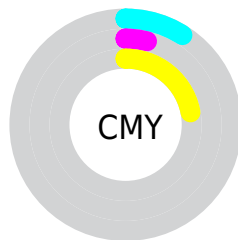
- Red (91%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 244, 199 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, 244, 199 by changing the saturation by 10% instead.

■ 231, 244, 199

255, 255, 255

■ 231, 244, 199

■ 203, 216, 172

■ 175, 188, 145

■ 148, 161, 119

■ 122, 135, 94

■ 97, 109, 70

■ 73, 85, 48

■ 50, 62, 26

■ 29, 40, 1

■ 0, 21, 0

 231, 244, 199

 231, 244, 199

 224, 244, 175

 238, 244, 223

 217, 244, 150


 245, 244, 248

 210, 244, 126

 252, 244, 255

 203, 244, 101

 255, 244, 255

 196, 244, 77

 189, 244, 53

 182, 244, 28

 175, 244, 4

 174, 244, 0

Harmonies

Analogous

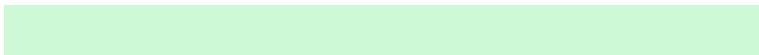
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 237, 193



231, 244, 199



205, 249, 215

Triad

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



231, 244, 199



188, 247, 255



255, 223, 239

Complementary

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



231, 244, 199



212, 199, 244

Split Complementary

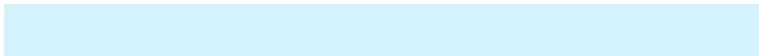
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 226, 255



231, 244, 199



213, 240, 255

Square

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



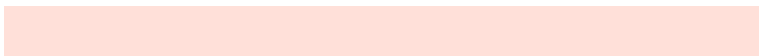
231, 244, 199



177, 251, 255



243, 233, 255



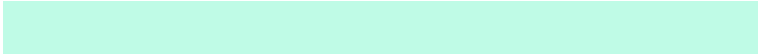
255, 224, 217

Rectangle

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



231, 244, 199



191, 251, 230



243, 233, 255



255, 223, 247

Sweetspot

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



231, 244, 199



251, 255, 240



244, 212, 199



125, 128, 119



0, 0, 0



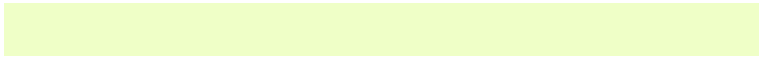
128, 128, 128

Same Dimension

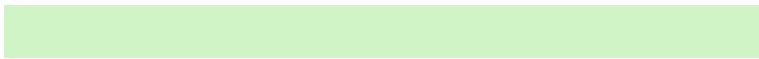
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 244, 199



239, 255, 199



209, 244, 199



119, 122, 110



132, 186, 0



42, 59, 0

Inverse Universe

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



212, 199, 244



215, 199, 255



234, 199, 244



114, 110, 122



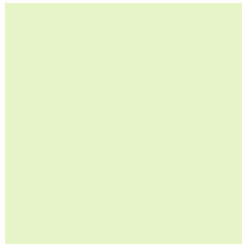
54, 0, 186



17, 0, 59

Previews

White Background



This preview shows how the RGB color 231, 244, 199 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, 244, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

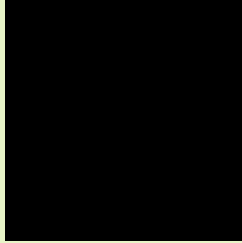
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

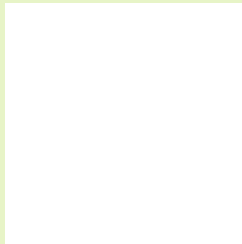
Any Text WCAG AAA ✓ Pass

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

RGB 231, 244, 199 Background



This preview shows how black text looks on a background with the RGB color 231, 244, 199.



This preview shows how white text looks on a background with the RGB color 231, 244, 199.

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

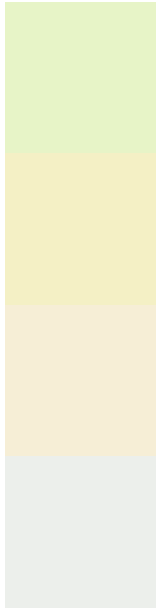




Tritanopia

239, 236, 255

Trichromacy



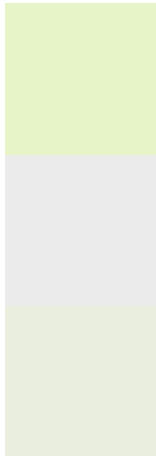
Original Color
231, 244, 199

Protanomaly
244, 240, 197

Deuteranomaly
246, 238, 214

Tritanomaly
236, 239, 235

Monochromacy



Original Color
231, 244, 199

Achromatopsia
235, 235, 235

Achromatomaly
234, 238, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 244, 199 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, 244, 199)` looks like.

```
.text, #text, p{  
    color:rgb(231, 244, 199)  
}
```

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, 244, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 244, 199) }
```

Border

The CSS property to change the border of an element to RGB 231, 244, 199 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, 244, 199) }
```

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

```
.border{ border-color:rgb(231, 244, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 244, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 244, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 244, 199);  
box-shadow:4px 4px 4px 4px rgb(231, 244,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 231, 244, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 244, 199) }
```

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

```
.background{ background-color: rgb(231,  
244, 199) }
```

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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