

Converting Colors

RGB(230, 248, 199)

Have a look what the booklet for
RGB(230, 248, 199) contains.

RGB(230, 248, 199)	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(230, 248, 199)

Conversions

Conversions Part 1	
Format	Color
Hex	E6F8C7
RGB	230, 248, 199
RGB Percent	90%, 97%, 78%
CMY	0.0980, 0.0275, 0.2196
CMYK	0.07, 0.00, 0.20, 0.03
HSL	82°, 78%, 88%
HSV	82°, 20%, 97%
XYZ	76.5093, 88.0813, 67.0018
YIQ	237.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

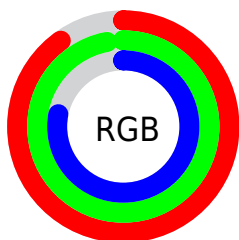
Format	Color
RYB	199, 248, 217
Decimal	15136967
CIELab	95.20, -14.17, 21.60
CIELCh	95, 25.837, 123.268
Yxy	88.0813, 0.3304, 0.3803
Android (android.graphics.Color)	4293327047 (0xFFE6F8C7)
YUV	237.0320, -18.7498, -6.1671
Hunter-Lab	93.8516, -18.7244, 23.3684

Details

The RGB color **230, 248, 199** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **217, 199, 248**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 192, 145** is the 20% darker color. If you saturate the color by 10%, you get **221, 248, 174**, and if you desaturate by 10%, it is **239, 248, 224**.

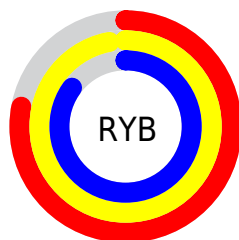
Distribution



Red (90%)

Green (97%)

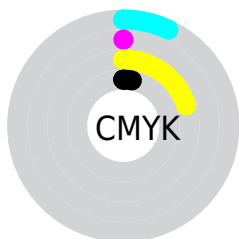
Blue (78%)



Red (78%)

Yellow (97%)

Blue (85%)

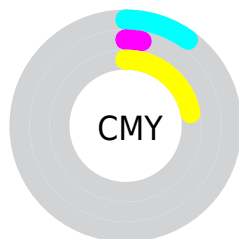


Cyan (7%)

Magenta (0%)

Yellow (20%)

Black (3%)



Cyan (10%)

Magenta (3%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 248, 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 230, 248, 199 by changing the saturation by 10% instead.

 230, 248, 199


255, 255, 255

 230, 248, 199

 202, 219, 172

 174, 192, 145

 147, 164, 119


 121, 138, 94

 96, 113, 70

 72, 88, 47

 49, 65, 26

 28, 43, 1

 0, 23, 0

 230, 248, 199

 230, 248, 199

 221, 248, 174

 239, 248, 224

 212, 248, 149

 248, 248, 249

 203, 248, 125

 255, 248, 255

 194, 248, 100

 184, 248, 75

 175, 248, 50

 166, 248, 25

 157, 248, 1

 157, 248, 0

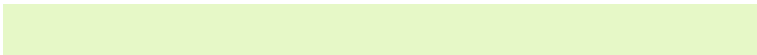
Harmonies

Analogous

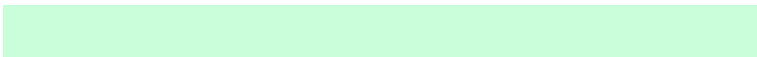
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 191



230, 248, 199



202, 253, 218

Triad

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



230, 248, 199



186, 250, 255



255, 224, 239

Complementary

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



230, 248, 199



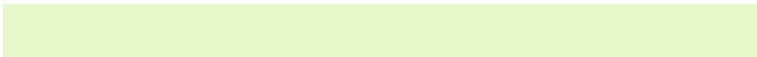
217, 199, 248

Split Complementary

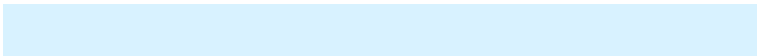
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 227, 255



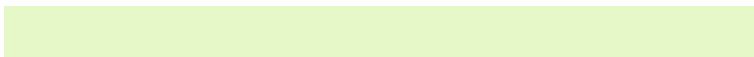
230, 248, 199



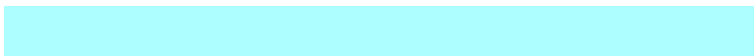
216, 242, 255

Square

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



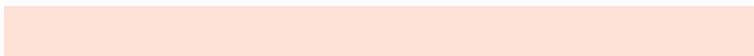
230, 248, 199



173, 254, 255



249, 234, 255



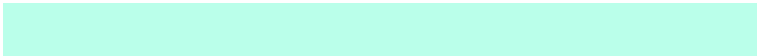
255, 226, 215

Rectangle

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



230, 248, 199



186, 255, 234



249, 234, 255



255, 224, 248

Sweetspot

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



230, 248, 199



249, 255, 240



248, 217, 199



124, 128, 119



0, 0, 0



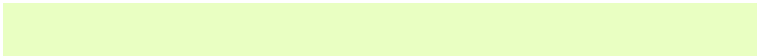
128, 128, 128

Same Dimension

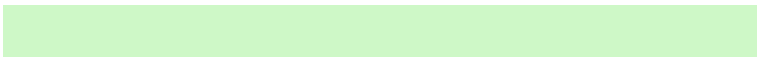
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 248, 199



233, 255, 194



206, 248, 199



120, 125, 112



119, 189, 0



39, 61, 0

Inverse Universe

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



217, 199, 248



216, 194, 255



241, 199, 248



117, 112, 125



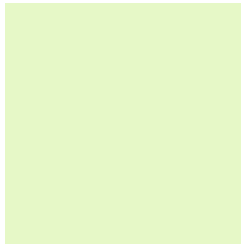
69, 0, 189



22, 0, 61

Previews

White Background



This preview shows how the RGB color 230, 248, 199 looks on a white background.

Color Contrast Check

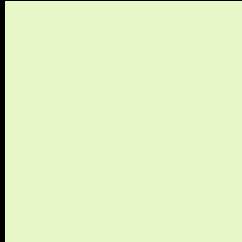
Large Text (above 18pt) WCAG AA × Fail

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 230, 248, 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

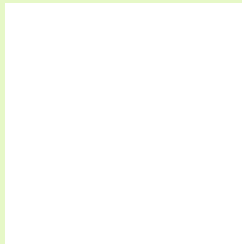
Any Text WCAG AAA ✓ Pass

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

RGB 230, 248, 199 Background



This preview shows how black text looks on a background with the RGB color 230, 248, 199.

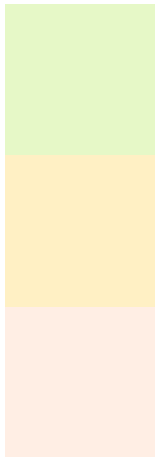


This preview shows how white text looks on a background with the RGB color 230, 248, 199.

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



Original Color

230, 248, 199

Protanopia

255, 240, 196

Deuteranopia

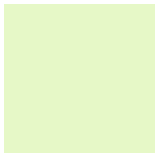
255, 238, 228



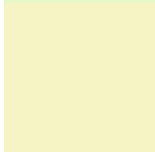
Tritanopia

239, 240, 255

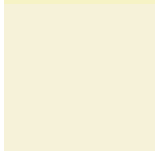
Trichromacy



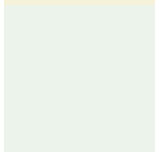
Original Color
230, 248, 199



Protanomaly
246, 243, 197

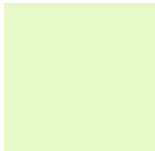


Deuteranomaly
246, 242, 217

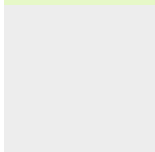


Tritanomaly
236, 243, 235

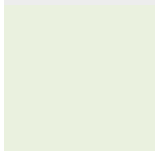
Monochromacy



Original Color
230, 248, 199



Achromatopsia
237, 237, 237



Achromatomaly
234, 241, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 248, 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(230, 248, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 248, 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(230, 248, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 248, 199) }
```

Border

The CSS property to change the border of an element to RGB 230, 248, 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(230, 248, 199) }
```

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

```
.border{ border-color:rgb(230, 248, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 248, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 248, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 248, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 248,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 230, 248, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 248, 199) }
```

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

```
.background{ background-color: rgb(230,  
248, 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](#).

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