

Converting Colors

RGB(199, 247, 160)

Have a look what the booklet for
RGB(199, 247, 160) contains.

RGB(199, 247, 160)	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(199, 247, 160)

Conversions

Conversions Part 1

Format	Color
Hex	C7F7A0
RGB	199, 247, 160
RGB Percent	78%, 97%, 63%
CMY	0.2196, 0.0314, 0.3725
CMYK	0.19, 0.00, 0.35, 0.03
HSL	93°, 84%, 80%
HSV	93°, 35%, 97%
XYZ	63.1591, 81.2017, 45.6024
YIQ	222.7300, -0.6810, -37.2330

Conversions

Conversions Part 2

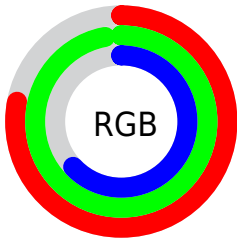
Format	Color
RYB	160, 247, 208
Decimal	13105056
CIELab	92.22, -30.15, 36.95
CIELCh	92, 47.694, 129.216
Yxy	81.2017, 0.3325, 0.4275
Android (android.graphics.Color)	4291295136 (0xFFC7F7A0)
YUV	222.7300, -30.9259, -20.8112
Hunter-Lab	90.1120, -32.5861, 33.0739

Details

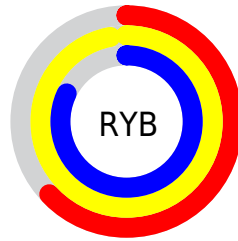
The RGB color **199, 247, 160** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **208, 160, 247**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 215**, and **144, 190, 107** is the 20% darker color. If you saturate the color by 10%, you get **185, 247, 135**, and if you desaturate by 10%, it is **213, 247, 185**.

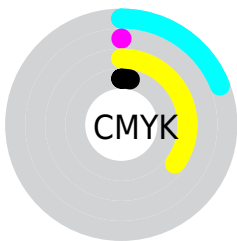
Distribution



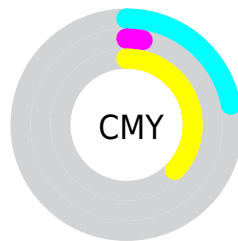
- Red (78%)
- Green (97%)
- Blue (63%)



- Red (63%)
- Yellow (97%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)



- Cyan (22%)
- Magenta (3%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 247, 160 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 199, 247, 160 by changing the saturation by 10% instead.

 199, 247, 160

255, 255, 255

 255, 255, 215


 255, 255, 244

 199, 247, 160

 171, 218, 133

 144, 190, 107

 117, 163, 82

 91, 137, 58

 65, 111, 33

 40, 86, 6

 15, 63, 0

 0, 40, 0

 0, 15, 0

■ 199, 247, 160

■ 199, 247, 160

■ 185, 247, 135

■ 213, 247, 185

■ 172, 247, 111

■ 226, 247, 209

■ 158, 247, 86

■ 240, 247, 234

■ 144, 247, 61

■ 254, 247, 255

■ 131, 247, 37

■ 255, 247, 255

■ 117, 247, 12

■ 111, 247, 0

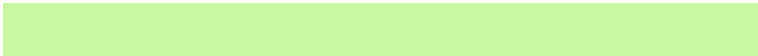
Harmonies

Analogous

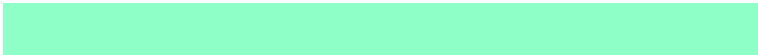
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 235, 141



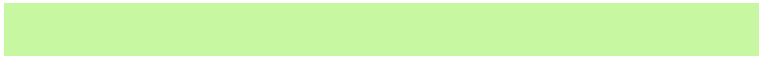
199, 247, 160



142, 255, 199

Triad

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



199, 247, 160



109, 246, 255



255, 197, 220

Complementary

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



199, 247, 160



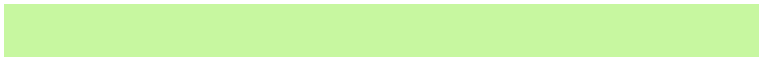
208, 160, 247

Split Complementary

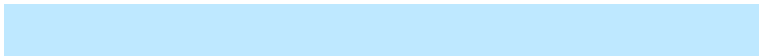
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 202, 255



199, 247, 160



190, 232, 255

Square

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



199, 247, 160



31, 255, 255



255, 216, 255



255, 204, 177

Rectangle

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



199, 247, 160



99, 255, 230



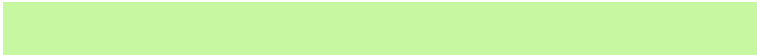
255, 216, 255



255, 197, 236

Sweetspot

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



199, 247, 160



240, 255, 227



247, 208, 160



118, 128, 111



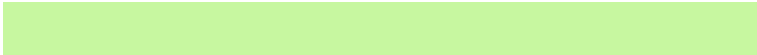
0, 0, 0



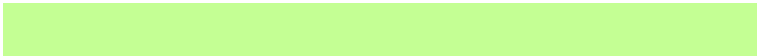
128, 128, 128

Same Dimension

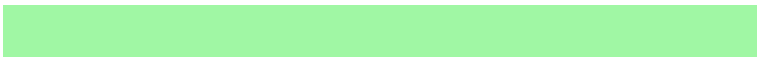
The Same Dimension uses a secret algorithm to generate beautiful new colors.



199, 247, 160



196, 255, 148



160, 247, 164



116, 122, 110



83, 186, 0



26, 59, 0

Inverse Universe

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



208, 160, 247



207, 148, 255



247, 160, 243



117, 110, 122



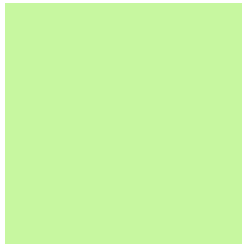
103, 0, 186



32, 0, 59

Previews

White Background



This preview shows how the RGB color 199, 247, 160 looks on a white background.

Color Contrast Check

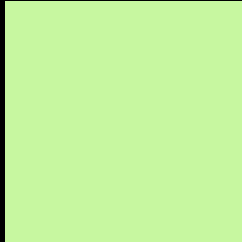
Large Text (above 18pt) WCAG AA × Fail

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 199, 247, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

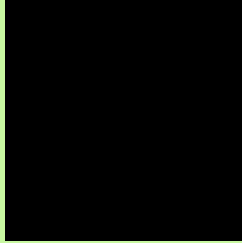
Any Text WCAG AA ✓ Pass

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 199, 247, 160 Background



This preview shows how black text looks on a background with the RGB color 199, 247, 160.

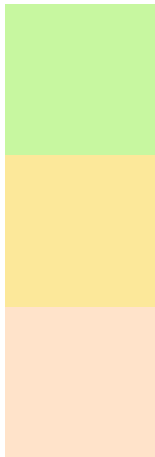


This preview shows how white text looks on a background with the RGB color 199, 247, 160.

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
199, 247, 160

Protanopia
252, 232, 154

Deuteranopia
255, 227, 202



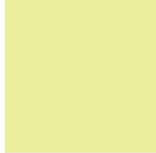
Tritanopia
213, 235, 254

Trichromacy



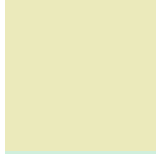
Original Color

199, 247, 160



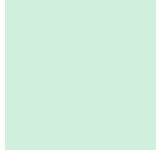
Protanomaly

233, 237, 156



Deuteranomaly

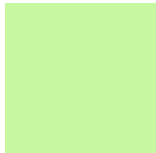
235, 234, 187



Tritanomaly

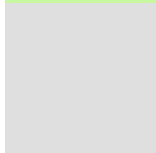
208, 239, 220

Monochromacy



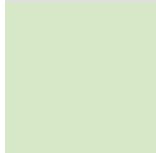
Original Color

199, 247, 160



Achromatopsia

223, 223, 223



Achromatomaly

214, 232, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 247, 160 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(199, 247, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 247, 160)  
}
```

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(199, 247, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 247, 160) }
```

Border

The CSS property to change the border of an element to RGB 199, 247, 160 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(199, 247, 160) }
```

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

```
.border{ border-color:rgb(199, 247, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 247, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 247, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 247, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 247,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 199, 247, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 247, 160) }
```

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

```
.background{ background-color: rgb(199,  
247, 160) }
```

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