

Converting Colors

RGB(191, 255, 160)

Have a look what the booklet for
RGB(191, 255, 160) contains.

RGB(191, 255, 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(191, 255, 160)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFA0
RGB	191, 255, 160
RGB Percent	75%, 100%, 63%
CMY	0.2510, 0.0000, 0.3725
CMYK	0.25, 0.00, 0.37, 0.00
HSL	100°, 100%, 81%
HSV	100°, 37%, 100%
XYZ	63.5910, 85.1344, 46.3387
YIQ	225.0340, -7.6490, -43.1130

Conversions

Conversions Part 2

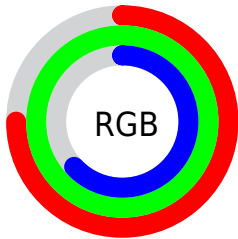
Format	Color
RYB	160, 255, 224
Decimal	12582816
CIELab	93.94, -36.57, 39.12
CIELCh	94, 53.551, 133.077
Yxy	85.1344, 0.3260, 0.4364
Android (android.graphics.Color)	4290772896 (0xFFBFFFA0)
YUV	225.0340, -32.0618, -29.8478
Hunter-Lab	92.2683, -38.4480, 34.8114

Details

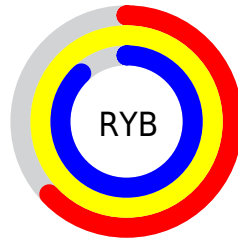
The RGB color **191, 255, 160** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **224, 160, 255**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **249, 255, 216**, and **135, 198, 107** is the 20% darker color. If you saturate the color by 10%, you get **174, 255, 134**, and if you desaturate by 10%, it is **208, 255, 186**.

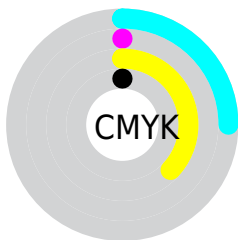
Distribution



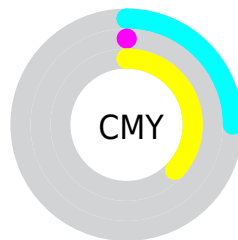
- Red (75%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (88%)



- Cyan (25%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 255, 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 191, 255, 160 by changing the saturation by 10% instead.

 191, 255, 160

255, 255, 255

 249, 255, 216


 255, 255, 244

 191, 255, 160

 163, 226, 133

 135, 198, 107

 109, 170, 82

 82, 144, 57

 55, 118, 32

 27, 93, 4

 0, 68, 0

 0, 45, 0

 0, 22, 0

■ 191, 255, 160

■ 191, 255, 160

■ 174, 255, 134

■ 208, 255, 186

■ 157, 255, 109

■ 225, 255, 211

■ 139, 255, 84

■ 243, 255, 237

■ 122, 255, 58

255, 255, 255

■ 105, 255, 33

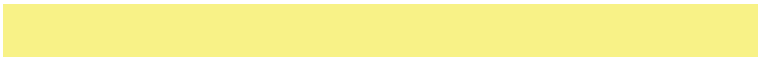
■ 88, 255, 7

■ 83, 255, 0

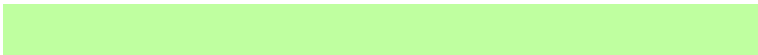
Harmonies

Analogous

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



248, 242, 135



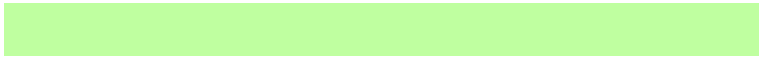
191, 255, 160



122, 255, 206

Triad

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



191, 255, 160



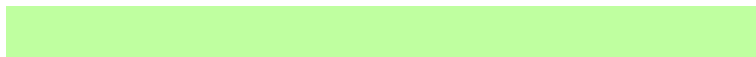
96, 251, 255



255, 197, 217

Complementary

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



191, 255, 160



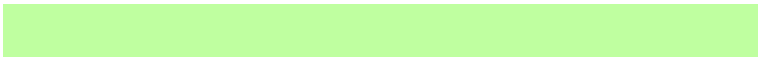
224, 160, 255

Split Complementary

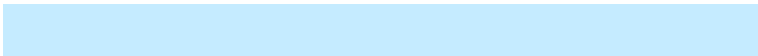
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



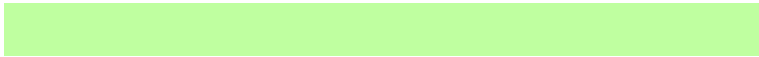
191, 255, 160



197, 235, 255

Square

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



191, 255, 160



0, 255, 255



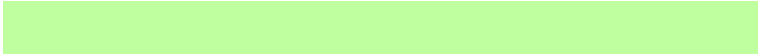
255, 216, 255



255, 207, 169

Rectangle

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



191, 255, 160



55, 255, 241



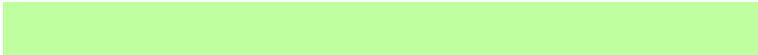
255, 216, 255



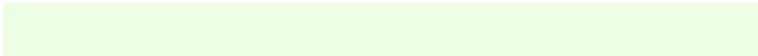
255, 196, 234

Sweetspot

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



191, 255, 160



236, 255, 227



255, 223, 160



116, 128, 111



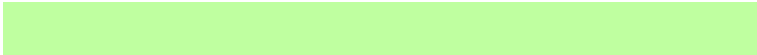
0, 0, 0



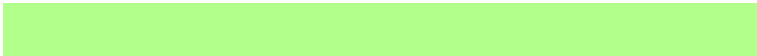
128, 128, 128

Same Dimension

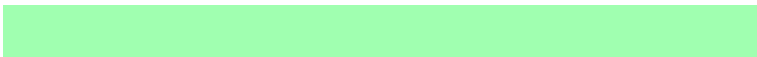
The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 255, 160



178, 255, 140



160, 255, 176



119, 128, 115



62, 191, 0



21, 64, 0

Inverse Universe

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



224, 160, 255



218, 140, 255



255, 160, 239



123, 115, 128



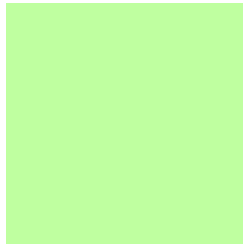
129, 0, 191



43, 0, 64

Previews

White Background



This preview shows how the RGB color 191, 255, 160 looks on a white background.

Color Contrast Check

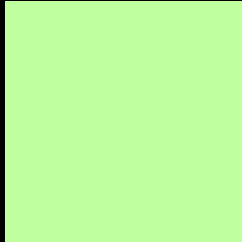
Large Text (above 18pt) WCAG AA × Fail

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 191, 255, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

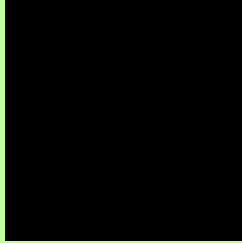
Any Text WCAG AA ✓ Pass

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 191, 255, 160 Background



This preview shows how black text looks on a background with the RGB color 191, 255, 160.



This preview shows how white text looks on a background with the RGB color 191, 255, 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



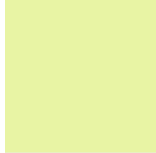


Tritanopia
216, 241, 255

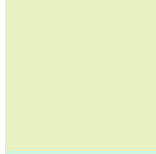
Trichromacy



Original Color
191, 255, 160



Protanomaly
232, 244, 164

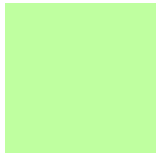


Deuteranomaly
232, 241, 194

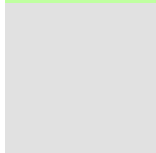


Tritanomaly
207, 246, 220

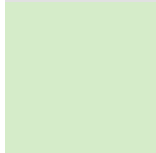
Monochromacy



Original Color
191, 255, 160



Achromatopsia
225, 225, 225



Achromatomaly
213, 236, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 255, 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(191, 255, 160)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 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(191, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 160) }
```

Border

The CSS property to change the border of an element to RGB 191, 255, 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(191, 255, 160) }
```

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

```
.border{ border-color:rgb(191, 255, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 191, 255, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 160) }
```

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

```
.background{ background-color: rgb(191,  
255, 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