

Converting Colors

RGB(195, 231, 120)

Have a look what the booklet for
RGB(195, 231, 120) contains.

RGB(195, 231, 120)	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(195, 231, 120)

Conversions

Conversions Part 1

Format	Color
Hex	C3E778
RGB	195, 231, 120
RGB Percent	76%, 91%, 47%
CMY	0.2353, 0.0941, 0.5294
CMYK	0.16, 0.00, 0.48, 0.09
HSL	79°, 70%, 69%
HSV	79°, 48%, 91%
XYZ	54.4718, 70.1100, 28.4309
YIQ	207.5820, 14.1750, -42.1530

Conversions

Conversions Part 2

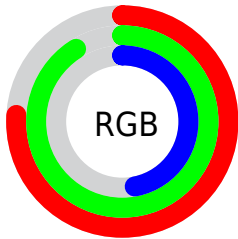
Format	Color
RYB	120, 231, 156
Decimal	12838776
CIELab	87.05, -28.87, 49.84
CIELCh	87, 57.597, 120.078
Yxy	70.1100, 0.3560, 0.4582
Android (android.graphics.Color)	4291028856 (0xFFC3E778)
YUV	207.5820, -43.1779, -11.0344
Hunter-Lab	83.7317, -30.4071, 38.4804

Details

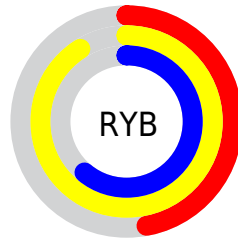
The RGB color **195, 231, 120** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **156, 120, 231**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **253, 255, 174**, and **139, 175, 68** is the 20% darker color. If you saturate the color by 10%, you get **188, 231, 97**, and if you desaturate by 10%, it is **202, 231, 143**.

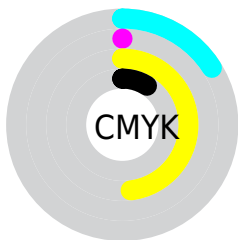
Distribution



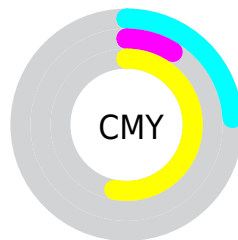
- Red (76%)
- Green (91%)
- Blue (47%)



- Red (47%)
- Yellow (91%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (48%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 231, 120 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 195, 231, 120 by changing the saturation by 10% instead.

 195, 231, 120

 195, 231, 120

255, 255, 255

 167, 203, 94

 253, 255, 174

 139, 175, 68

 255, 255, 202

 112, 149, 41

 255, 255, 231

 86, 123, 9

 60, 98, 0

 34, 73, 0

 2, 51, 0

 0, 32, 0


 0, 0, 0

 195, 231, 120


 195, 231, 120

 188, 231, 97


 202, 231, 143

 180, 231, 74

 210, 231, 166

 173, 231, 51

 217, 231, 189

 165, 231, 28

 225, 231, 212

 158, 231, 5

 232, 231, 235

 156, 231, 0

 240, 231, 255

 247, 231, 255

 255, 231, 255

 255, 231, 255

Harmonies

Analogous

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



251, 215, 106



195, 231, 120



126, 241, 161

Triad

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



195, 231, 120



0, 238, 255



255, 173, 220

Complementary

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



195, 231, 120



156, 120, 231

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, 183, 255



195, 231, 120



123, 224, 255

Square

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



195, 231, 120



0, 245, 255



222, 204, 255



255, 178, 166

Rectangle

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



195, 231, 120



53, 245, 197



222, 204, 255



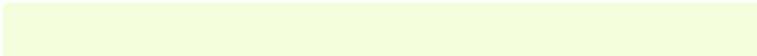
255, 175, 239

Sweetspot

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



195, 231, 120



243, 255, 219



231, 155, 120



120, 128, 106



0, 0, 0



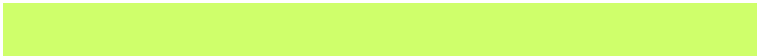
128, 128, 128

Same Dimension

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



195, 231, 120



207, 255, 107



140, 231, 120



111, 115, 103



121, 179, 0



34, 51, 0

Inverse Universe

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



156, 120, 231



155, 107, 255



211, 120, 231



107, 103, 115



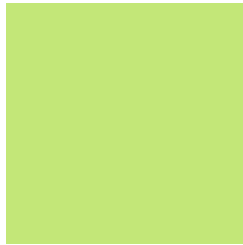
58, 0, 179



17, 0, 51

Previews

White Background



This preview shows how the RGB color 195, 231, 120 looks on a white background.

Color Contrast Check

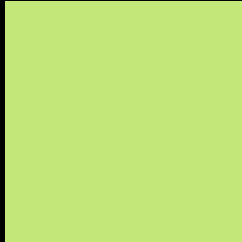
Large Text (above 18pt) WCAG AA × Fail

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 195, 231, 120 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 195, 231, 120 Background



This preview shows how black text looks on a background with the RGB color 195, 231, 120.



This preview shows how white text looks on a background with the RGB color 195, 231, 120.

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
195, 231, 120

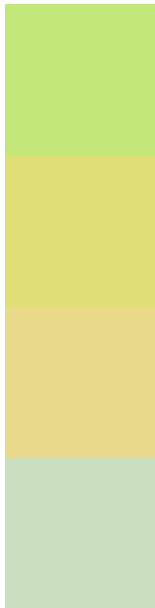
Protanopia
240, 218, 115

Deuteranopia
255, 210, 152



Tritanopia
210, 218, 235

Trichromacy



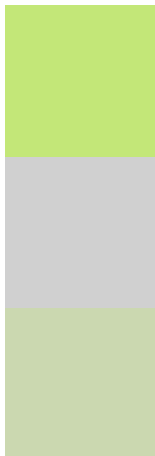
Original Color
195, 231, 120

Protanomaly
224, 223, 117

Deuteranomaly
233, 218, 140

Tritanomaly
205, 223, 193

Monochromacy



Original Color
195, 231, 120

Achromatopsia
208, 208, 208

Achromatomaly
203, 216, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 231, 120 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(195, 231, 120)` looks like.

```
.text, #text, p{  
    color:rgb(195, 231, 120)  
}
```

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(195, 231, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 231, 120) }
```

Border

The CSS property to change the border of an element to RGB 195, 231, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

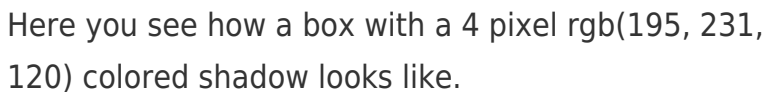
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 231, 120) }
```

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

```
.border{ border-color:rgb(195, 231, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 231, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 231, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 231, 120); box-shadow:4px 4px 4px 4px rgb(195, 231, 120) }
```

Background

The CSS property to change the background color of an element to RGB 195, 231, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 231, 120) }
```

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

```
.background{ background-color: rgb(195,  
231, 120) }
```

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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