

Converting Colors

RGB(194, 235, 160)

Have a look what the booklet for
RGB(194, 235, 160) contains.

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Color

RGB(194, 235, 160)

Conversions

Conversions Part 1

Format	Color
Hex	C2EBA0
RGB	194, 235, 160
RGB Percent	76%, 92%, 63%
CMY	0.2392, 0.0784, 0.3725
CMYK	0.17, 0.00, 0.32, 0.08
HSL	93°, 65%, 77%
HSV	93°, 32%, 92%
XYZ	58.3016, 73.4241, 44.3571
YIQ	214.1910, -0.3610, -32.0170

Conversions

Conversions Part 2

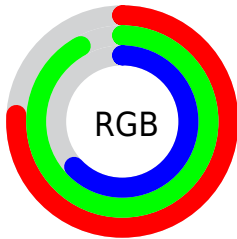
Format	Color
RYB	160, 235, 201
Decimal	12774304
CIELab	88.65, -26.24, 32.17
CIElCh	89, 41.515, 129.209
Yxy	73.4241, 0.3311, 0.4170
Android (android.graphics.Color)	4290964384 (0xFFC2EBA0)
YUV	214.1910, -26.7162, -17.7075
Hunter-Lab	85.6878, -28.5031, 29.2894

Details

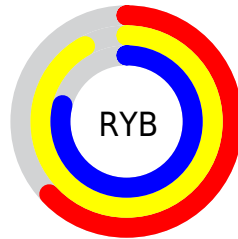
The RGB color **194, 235, 160** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **201, 160, 235**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **251, 255, 215**, and **139, 179, 108** is the 20% darker color. If you saturate the color by 10%, you get **181, 235, 137**, and if you desaturate by 10%, it is **207, 235, 183**.

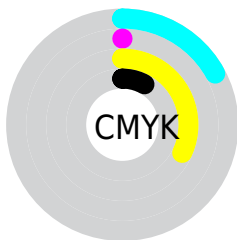
Distribution



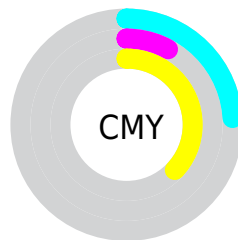
- Red (76%)
- Green (92%)
- Blue (63%)



- Red (63%)
- Yellow (92%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 235, 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 194, 235, 160 by changing the saturation by 10% instead.

 194, 235, 160

 194, 235, 160


255, 255, 255

 166, 207, 133

 251, 255, 215

 139, 179, 108

 255, 255, 244

 113, 152, 83

 87, 126, 59

 63, 101, 35

 38, 77, 11


 16, 54, 0

 0, 33, 0

 0, 0, 0

 194, 235, 160


 194, 235, 160

 181, 235, 137


 207, 235, 183

 168, 235, 113


 220, 235, 207

 155, 235, 89

 233, 235, 231

 143, 235, 66

 245, 235, 254

 130, 235, 42

 255, 235, 255

 117, 235, 19

 107, 235, 0

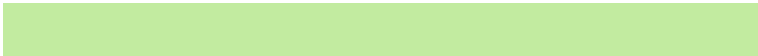
Harmonies

Analogous

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



237, 224, 144



194, 235, 160



146, 242, 193

Triad

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



194, 235, 160



124, 234, 255



255, 192, 212

Complementary

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



194, 235, 160



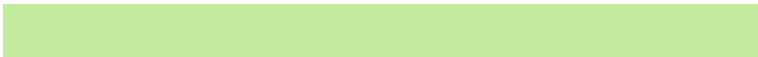
201, 160, 235

Split Complementary

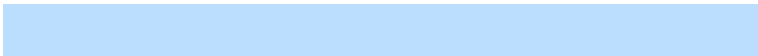
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 196, 252



194, 235, 160



187, 222, 255

Square

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



194, 235, 160



82, 242, 255



243, 208, 255



255, 198, 174

Rectangle

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



194, 235, 160



114, 244, 220



243, 208, 255



255, 193, 225

Sweetspot

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



194, 235, 160



241, 255, 230



235, 200, 160



119, 128, 112



0, 0, 0



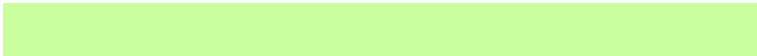
128, 128, 128

Same Dimension

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



194, 235, 160



202, 255, 158



160, 235, 163



111, 117, 106



82, 181, 0



24, 54, 0

Inverse Universe

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



201, 160, 235



211, 158, 255



235, 160, 233



112, 106, 117



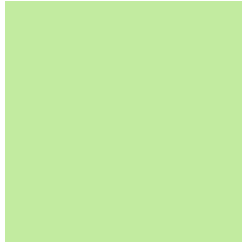
99, 0, 181



29, 0, 54

Previews

White Background



This preview shows how the RGB color 194, 235, 160 looks on a white background.

Color Contrast Check

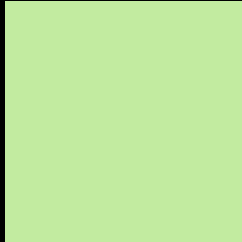
Large Text (above 18pt) WCAG AA × Fail

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 194, 235, 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

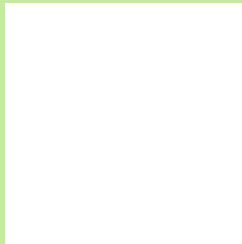
Any Text WCAG AAA ✓ Pass

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

RGB 194, 235, 160 Background



This preview shows how black text looks on a background with the RGB color 194, 235, 160.

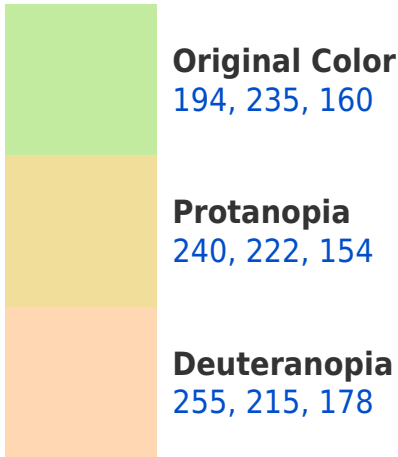


This preview shows how white text looks on a background with the RGB color 194, 235, 160.

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
206, 225, 242

Trichromacy



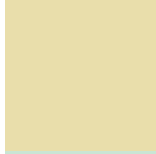
Original Color

194, 235, 160



Protanomaly

223, 227, 156



Deuteranomaly

233, 222, 171



Tritanomaly

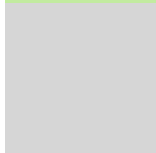
202, 229, 212

Monochromacy



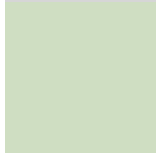
Original Color

194, 235, 160



Achromatopsia

214, 214, 214



Achromatomaly

207, 222, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 235, 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(194, 235, 160)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 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(194, 235, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 160) }
```

Border

The CSS property to change the border of an element to RGB 194, 235, 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(194, 235, 160) }
```

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

```
.border{ border-color:rgb(194, 235, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 235, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 235, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 235, 160);  
box-shadow:4px 4px 4px 4px rgb(194, 235,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 194, 235, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 235, 160) }
```

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

```
.background{ background-color: rgb(194,  
235, 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](#).

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