

Converting Colors

RGB(194, 235, 128)

Have a look what the booklet for
RGB(194, 235, 128) contains.

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Color

RGB(194, 235, 128)

Conversions

Conversions Part 1

Format	Color
Hex	C2EB80
RGB	194, 235, 128
RGB Percent	76%, 92%, 50%
CMY	0.2392, 0.0784, 0.4980
CMYK	0.17, 0.00, 0.46, 0.08
HSL	83°, 73%, 71%
HSV	83°, 46%, 92%
XYZ	55.8527, 72.4445, 31.4615
YIQ	210.5430, 9.9110, -41.9690

Conversions

Conversions Part 2

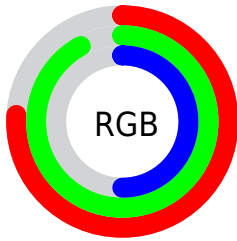
Format	Color
RYB	128, 235, 169
Decimal	12774272
CIELab	88.18, -30.26, 47.40
CIELCh	88, 56.239, 122.554
Yxy	72.4445, 0.3496, 0.4535
Android (android.graphics.Color)	4290964352 (0xFFC2EB80)
YUV	210.5430, -40.6937, -14.5082
Hunter-Lab	85.1143, -31.8169, 37.6642

Details

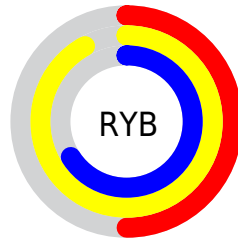
The RGB color **194, 235, 128** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **169, 128, 235**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **252, 255, 183**, and **138, 179, 76** is the 20% darker color. If you saturate the color by 10%, you get **185, 235, 105**, and if you desaturate by 10%, it is **203, 235, 152**.

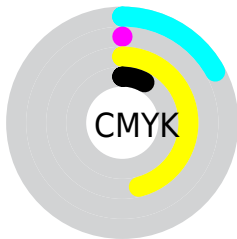
Distribution



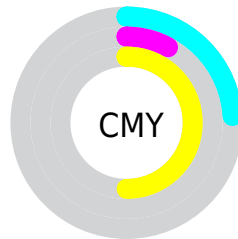
- Red (76%)
- Green (92%)
- Blue (50%)



- Red (50%)
- Yellow (92%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (46%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 235, 128 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, 128 by changing the saturation by 10% instead.

 194, 235, 128

255, 255, 255


 252, 255, 183


 255, 255, 211

 255, 255, 240

 194, 235, 128

 166, 207, 102


 138, 179, 76

 111, 152, 50

 85, 126, 22

 59, 101, 0

 34, 77, 0

 1, 53, 0

 0, 34, 0

 0, 0, 0

194, 235, 128

194, 235, 128

185, 235, 105

203, 235, 152

176, 235, 81

212, 235, 175

167, 235, 57

221, 235, 198

158, 235, 34

230, 235, 222

149, 235, 10

239, 235, 245

145, 235, 0

248, 235, 255

255, 235, 255

Harmonies

Analogous

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



250, 220, 112



194, 235, 128



126, 245, 170

Triad

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



194, 235, 128



0, 240, 255



255, 177, 219

Complementary

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



194, 235, 128



169, 128, 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, 186, 255



194, 235, 128



141, 225, 255

Square

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



194, 235, 128



0, 247, 255



232, 205, 255



255, 183, 166

Rectangle

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



194, 235, 128



55, 248, 206



232, 205, 255



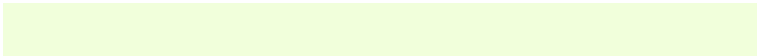
255, 178, 237

Sweetspot

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



194, 235, 128



241, 255, 219



235, 167, 128



119, 128, 106



0, 0, 0



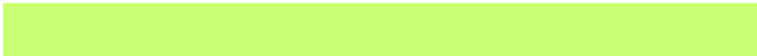
128, 128, 128

Same Dimension

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



194, 235, 128



201, 255, 115



142, 235, 128



113, 117, 106



112, 181, 0



33, 54, 0

Inverse Universe

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



169, 128, 235



168, 115, 255



221, 128, 235



110, 106, 117



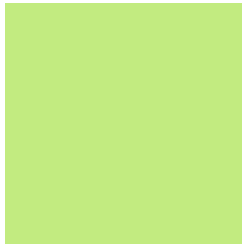
69, 0, 181



21, 0, 54

Previews

White Background



This preview shows how the RGB color 194, 235, 128 looks on a white background.

Color Contrast Check

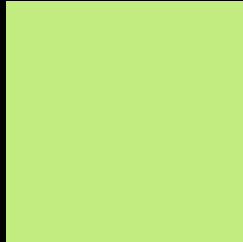
Large Text (above 18pt) WCAG AA × Fail

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, 128 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, 128 Background



This preview shows how black text looks on a background with the RGB color 194, 235, 128.



This preview shows how white text looks on a background with the RGB color 194, 235, 128.

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
194, 235, 128

Protanopia
242, 221, 123

Deuteranopia
255, 214, 165



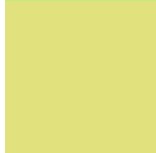
Tritanopia
209, 222, 240

Trichromacy



Original Color

194, 235, 128



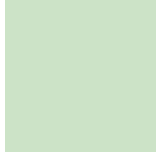
Protanomaly

225, 226, 125



Deuteranomaly

233, 222, 152



Tritanomaly

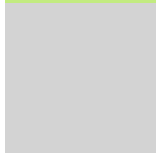
204, 227, 199

Monochromacy



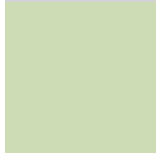
Original Color

194, 235, 128



Achromatopsia

211, 211, 211



Achromatomaly

205, 220, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 235, 128 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 128) }
```

Border

The CSS property to change the border of an element to RGB 194, 235, 128 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, 128) }
```

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

```
.border{ border-color:rgb(194, 235, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 235, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 235, 128); box-shadow:4px 4px 4px 4px rgb(194, 235, 128) }
```

Background

The CSS property to change the background color of an element to RGB 194, 235, 128 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, 128) }
```

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

```
.background{ background-color: rgb(194,  
235, 128) }
```

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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