

Converting Colors

RGB(194, 236, 142)

Have a look what the booklet for
RGB(194, 236, 142) contains.

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Color

RGB(194, 236, 142)

Conversions

Conversions Part 1

Format	Color
Hex	C2EC8E
RGB	194, 236, 142
RGB Percent	76%, 93%, 56%
CMY	0.2392, 0.0745, 0.4431
CMYK	0.18, 0.00, 0.40, 0.07
HSL	87°, 71%, 74%
HSV	87°, 40%, 93%
XYZ	57.1261, 73.4132, 36.7505
YIQ	212.7260, 5.1420, -38.1380

Conversions

Conversions Part 2

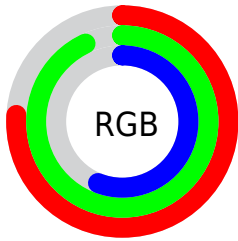
Format	Color
RYB	142, 236, 184
Decimal	12774542
CIELab	88.64, -29.10, 41.17
CIElCh	89, 50.414, 125.250
Yxy	73.4132, 0.3415, 0.4388
Android (android.graphics.Color)	4290964622 (0xFFC2EC8E)
YUV	212.7260, -34.8679, -16.4227
Hunter-Lab	85.6815, -30.9321, 34.5464

Details

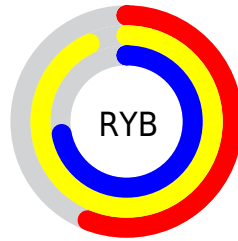
The RGB color **194, 236, 142** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **184, 142, 236**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **252, 255, 197**, and **139, 180, 90** is the 20% darker color. If you saturate the color by 10%, you get **183, 236, 118**, and if you desaturate by 10%, it is **205, 236, 166**.

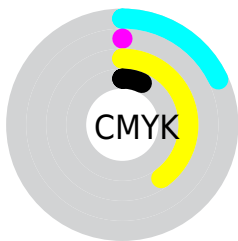
Distribution



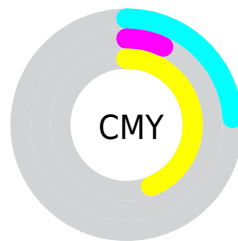
- Red (76%)
- Green (93%)
- Blue (56%)



- Red (56%)
- Yellow (93%)
- Blue (72%)



- Cyan (18%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 236, 142 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, 236, 142 by changing the saturation by 10% instead.

 194, 236, 142

255, 255, 255


 252, 255, 197


 255, 255, 225

255, 255, 254


 194, 236, 142

 166, 208, 116

 139, 180, 90

 112, 153, 65

 86, 127, 40

 61, 102, 13

 35, 77, 0

 6, 54, 0

 0, 34, 0


 0, 0, 0

 194, 236, 142


 194, 236, 142

 183, 236, 118


 205, 236, 166

 173, 236, 95


 215, 236, 189

 162, 236, 71


 226, 236, 213

 152, 236, 48


 236, 236, 236

 141, 236, 24

 247, 236, 255

 131, 236, 0

 255, 236, 255

 131, 236, 0

Harmonies

Analogous

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



245, 222, 125



194, 236, 142



134, 245, 181

Triad

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



194, 236, 142



59, 238, 255



255, 184, 216

Complementary

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



194, 236, 142



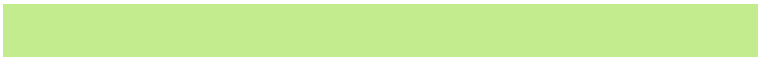
184, 142, 236

Split Complementary

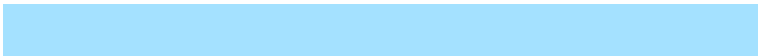
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 191, 255



194, 236, 142



164, 225, 255

Square

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



194, 236, 142



0, 246, 255



239, 207, 255



255, 191, 169

Rectangle

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



194, 236, 142



83, 247, 213



239, 207, 255



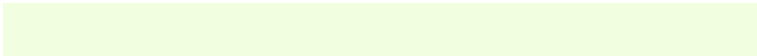
255, 185, 232

Sweetspot

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



194, 236, 142



241, 255, 224



236, 183, 142



120, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



194, 236, 142



200, 255, 133



148, 236, 142



112, 117, 106



100, 181, 0



30, 54, 0

Inverse Universe

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



184, 142, 236



187, 133, 255



230, 142, 236



111, 106, 117



81, 0, 181



24, 0, 54

Previews

White Background



This preview shows how the RGB color 194, 236, 142 looks on a white background.

Color Contrast Check

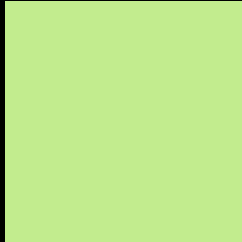
Large Text (above 18pt) WCAG AA × Fail

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, 236, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

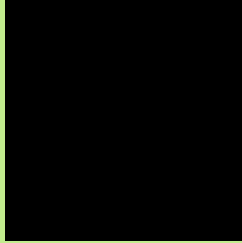
Any Text WCAG AA ✓ Pass

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, 236, 142 Background



This preview shows how black text looks on a background with the RGB color 194, 236, 142.

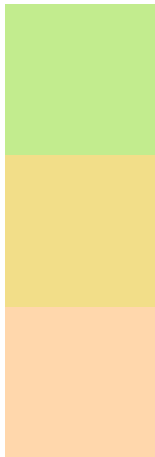


This preview shows how white text looks on a background with the RGB color 194, 236, 142.

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, 236, 142

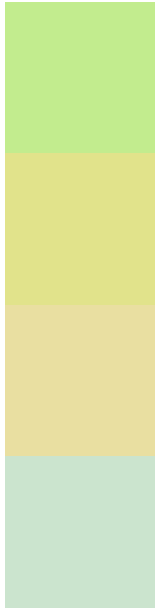
Protanopia
242, 222, 137

Deuteranopia
255, 215, 172



Tritanopia
208, 224, 242

Trichromacy



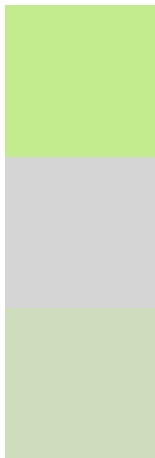
Original Color
194, 236, 142

Protanomaly
225, 227, 139

Deuteranomaly
233, 223, 161

Tritanomaly
203, 228, 206

Monochromacy



Original Color
194, 236, 142

Achromatopsia
213, 213, 213

Achromatomaly
206, 221, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 236, 142 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, 236, 142)` looks like.

```
.text, #text, p{  
    color:rgb(194, 236, 142)  
}
```

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, 236, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 236, 142) }
```

Border

The CSS property to change the border of an element to RGB 194, 236, 142 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, 236, 142) }
```

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

```
.border{ border-color:rgb(194, 236, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 236, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 236, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 236, 142); box-shadow:4px 4px 4px 4px rgb(194, 236, 142) }
```

Background

The CSS property to change the background color of an element to RGB 194, 236, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 236, 142) }
```

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

```
.background{ background-color: rgb(194,  
236, 142) }
```

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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