

Converting Colors

RGB(194, 232, 168)

Have a look what the booklet for
RGB(194, 232, 168) contains.

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Color

RGB(194, 232, 168)

Conversions

Conversions Part 1

Format	Color
Hex	C2E8A8
RGB	194, 232, 168
RGB Percent	76%, 91%, 66%
CMY	0.2392, 0.0902, 0.3412
CMYK	0.16, 0.00, 0.28, 0.09
HSL	96°, 58%, 78%
HSV	96°, 28%, 91%
XYZ	58.1726, 72.0097, 47.8790
YIQ	213.3420, -2.1040, -27.9600

Conversions

Conversions Part 2

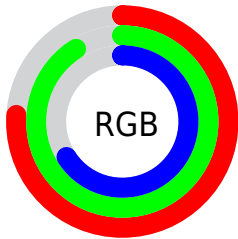
Format	Color
RYB	168, 232, 206
Decimal	12773544
CIELab	87.97, -23.64, 27.18
CIELCh	88, 36.022, 131.020
Yxy	72.0097, 0.3267, 0.4044
Android (android.graphics.Color)	4290963624 (0xFFC2E8A8)
YUV	213.3420, -22.3536, -16.9629
Hunter-Lab	84.8585, -26.1363, 25.9483

Details

The RGB color **194, 232, 168** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **206, 168, 232**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **251, 255, 224**, and **140, 176, 115** is the 20% darker color. If you saturate the color by 10%, you get **180, 232, 145**, and if you desaturate by 10%, it is **208, 232, 191**.

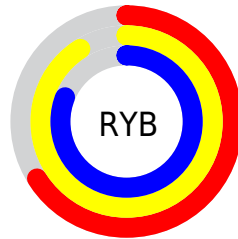
Distribution



Red (76%)

Green (91%)

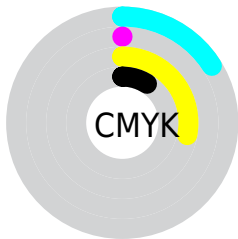
Blue (66%)



Red (66%)

Yellow (91%)

Blue (81%)

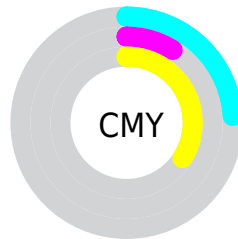


Cyan (16%)

Magenta (0%)

Yellow (28%)

Black (9%)



Cyan (24%)

Magenta (9%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 232, 168 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, 232, 168 by changing the saturation by 10% instead.

 194, 232, 168


255, 255, 255


 251, 255, 224

 255, 255, 252

 194, 232, 168

 166, 204, 141

 140, 176, 115

 113, 149, 91

 88, 124, 66

 64, 98, 43

 40, 74, 21

 17, 51, 0

 0, 31, 0

 0, 0, 0

 194, 232, 168


 194, 232, 168

 180, 232, 145


 208, 232, 191

 166, 232, 122


 222, 232, 214

 153, 232, 98


 235, 232, 238

 139, 232, 75

 249, 232, 255

 125, 232, 52

 255, 232, 255

 111, 232, 29

 98, 232, 6

 94, 232, 0

Harmonies

Analogous

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



232, 223, 153



194, 232, 168



154, 238, 197

Triad

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



194, 232, 168



145, 230, 255



255, 195, 209

Complementary

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



194, 232, 168



206, 168, 232

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, 198, 244



194, 232, 168



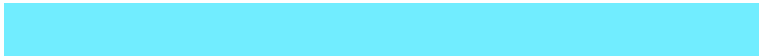
195, 220, 255

Square

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



194, 232, 168



113, 237, 255



242, 207, 255



255, 200, 177

Rectangle

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



194, 232, 168



130, 240, 221



242, 207, 255



255, 195, 221

Sweetspot

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



194, 232, 168



243, 255, 235



232, 205, 168



120, 128, 115



0, 0, 0



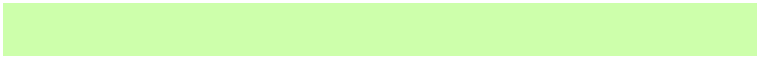
128, 128, 128

Same Dimension

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



194, 232, 168



205, 255, 171



168, 232, 173



108, 115, 103



73, 179, 0



21, 51, 0

Inverse Universe

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



206, 168, 232



221, 171, 255



232, 168, 227



110, 103, 115



106, 0, 179



30, 0, 51

Previews

White Background



This preview shows how the RGB color 194, 232, 168 looks on a white background.

Color Contrast Check

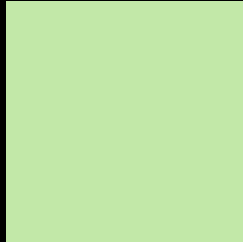
Large Text (above 18pt) WCAG AA × Fail

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, 232, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

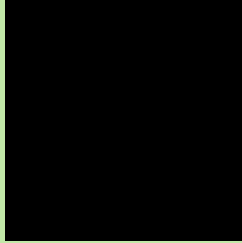
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

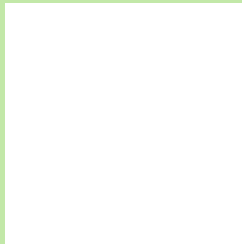
Any Text WCAG AAA ✓ Pass

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

RGB 194, 232, 168 Background



This preview shows how black text looks on a background with the RGB color 194, 232, 168.

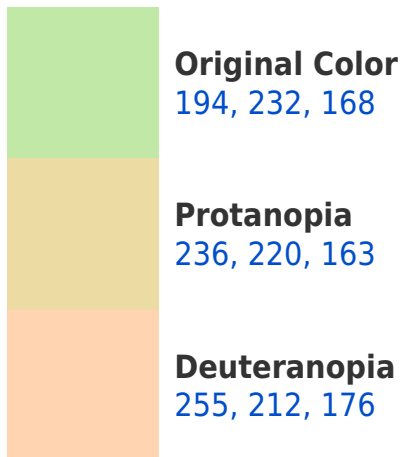


This preview shows how white text looks on a background with the RGB color 194, 232, 168.

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

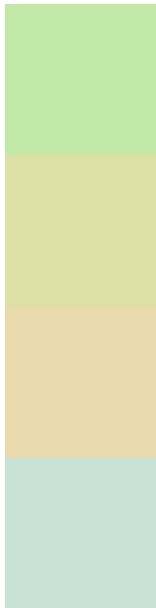




Tritanopia

205, 223, 240

Trichromacy



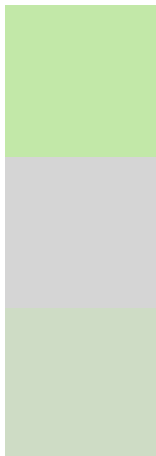
Original Color
194, 232, 168

Protanomaly
221, 224, 165

Deuteranomaly
233, 219, 173

Tritanomaly
201, 226, 214

Monochromacy



Original Color
194, 232, 168

Achromatopsia
213, 213, 213

Achromatomaly
206, 220, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 232, 168 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, 232, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 232, 168)  
}
```

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, 232, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 232, 168) }
```

Border

The CSS property to change the border of an element to RGB 194, 232, 168 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, 232, 168) }
```

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

```
.border{ border-color:rgb(194, 232, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 232, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 232, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 232, 168);  
box-shadow:4px 4px 4px 4px rgb(194, 232,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 194, 232, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 232, 168) }
```

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

```
.background{ background-color: rgb(194,  
232, 168) }
```

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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