

Converting Colors

RGB(227, 235, 194)

Have a look what the booklet for
RGB(227, 235, 194) contains.

RGB(227, 235, 194)	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(227, 235, 194)

Conversions

Conversions Part 1

Format	Color
Hex	E3EBC2
RGB	227, 235, 194
RGB Percent	89%, 92%, 76%
CMY	0.1098, 0.0784, 0.2392
CMYK	0.03, 0.00, 0.17, 0.08
HSL	72°, 51%, 84%
HSV	72°, 17%, 92%
XYZ	71.1245, 79.6426, 62.6628
YIQ	227.9340, 8.3930, -14.4470

Conversions

Conversions Part 2

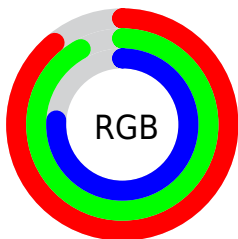
Format	Color
RYB	194, 235, 202
Decimal	14937026
CIELab	91.52, -9.53, 19.03
CIElCh	92, 21.280, 116.600
Yxy	79.6426, 0.3332, 0.3732
Android (android.graphics.Color)	4293127106 (0xFFE3EBC2)
YUV	227.9340, -16.7295, -0.8191
Hunter-Lab	89.2427, -13.9141, 20.8387

Details

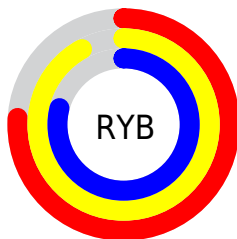
The RGB color **227, 235, 194** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **202, 194, 235**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 251**, and **171, 179, 140** is the 20% darker color. If you saturate the color by 10%, you get **222, 235, 171**, and if you desaturate by 10%, it is **232, 235, 217**.

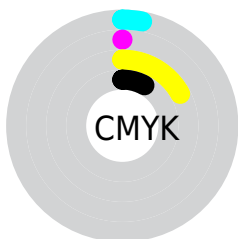
Distribution



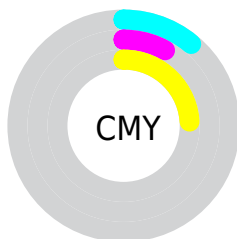
- Red (89%)
- Green (92%)
- Blue (76%)



- Red (76%)
- Yellow (92%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 235, 194 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 227, 235, 194 by changing the saturation by 10% instead.


 227, 235, 194

255, 255, 255

 255, 255, 251

 227, 235, 194


 199, 207, 167

 171, 179, 140

 145, 153, 115

 119, 127, 90

 94, 102, 66

 70, 78, 44

 47, 55, 22

 27, 33, 0

 0, 10, 0

 227, 235, 194

 227, 235, 194

 222, 235, 171

 232, 235, 217

 218, 235, 147

 236, 235, 241

 213, 235, 124

 241, 235, 255

 209, 235, 100


 245, 235, 255

 204, 235, 76

 250, 235, 255

 199, 235, 53

 255, 235, 255

 195, 235, 29

 255, 235, 255

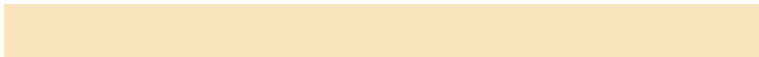
 190, 235, 6

 189, 235, 0

Harmonies

Analogous

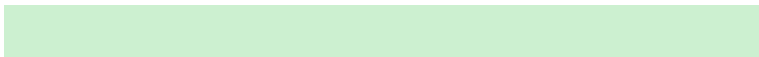
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 228, 190



227, 235, 194



204, 240, 208

Triad

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



227, 235, 194



184, 239, 255



255, 217, 234

Complementary

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



227, 235, 194



202, 194, 235

Split Complementary

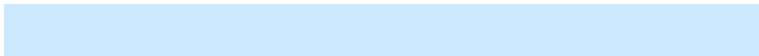
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 220, 253



227, 235, 194



205, 233, 255

Square

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



227, 235, 194



176, 242, 248



232, 226, 255



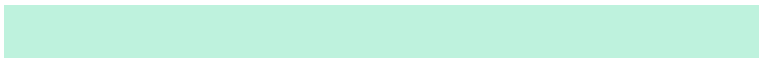
255, 217, 213

Rectangle

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



227, 235, 194



190, 242, 221



232, 226, 255



255, 217, 241

Sweetspot

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



227, 235, 194



253, 255, 242



235, 202, 194



126, 128, 120



0, 0, 0



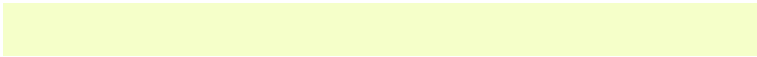
128, 128, 128

Same Dimension

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



227, 235, 194



245, 255, 201



207, 235, 194



115, 117, 106



146, 181, 0



43, 54, 0

Inverse Universe

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



202, 194, 235



212, 201, 255



222, 194, 235



108, 106, 117



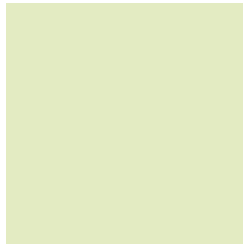
35, 0, 181



10, 0, 54

Previews

White Background



This preview shows how the RGB color 227, 235, 194 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 227, 235, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

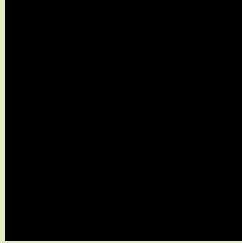
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

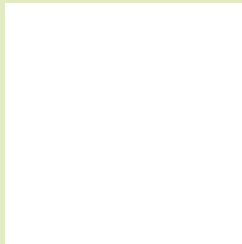
Any Text WCAG AAA ✓ Pass

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

RGB 227, 235, 194 Background



This preview shows how black text looks on a background with the RGB color 227, 235, 194.

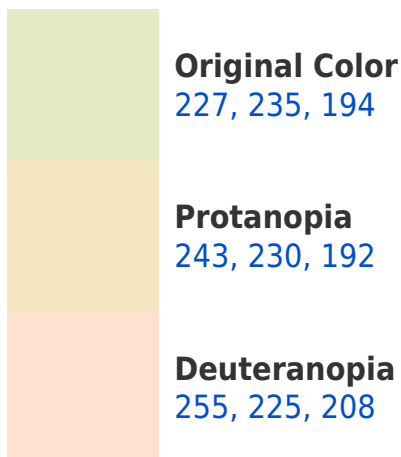


This preview shows how white text looks on a background with the RGB color 227, 235, 194.

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

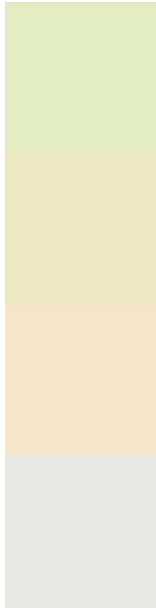




Tritanopia

234, 228, 246

Trichromacy



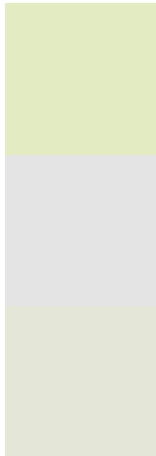
Original Color
227, 235, 194

Protanomaly
237, 232, 193

Deuteranomaly
245, 229, 203

Tritanomaly
231, 231, 227

Monochromacy



Original Color
227, 235, 194

Achromatopsia
228, 228, 228

Achromatomaly
228, 231, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 235, 194 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(227, 235, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 194)  
}
```

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(227, 235, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 194) }
```

Border

The CSS property to change the border of an element to RGB 227, 235, 194 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(227, 235, 194) }
```

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

```
.border{ border-color:rgb(227, 235, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 235, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 235, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 235, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 235,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 227, 235, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 194) }
```

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

```
.background{ background-color: rgb(227,  
235, 194) }
```

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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