

Converting Colors

RGB(217, 226, 194)

Have a look what the booklet for
RGB(217, 226, 194) contains.

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Color

RGB(217, 226, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D9E2C2
RGB	217, 226, 194
RGB Percent	85%, 89%, 76%
CMY	0.1490, 0.1137, 0.2392
CMYK	0.04, 0.00, 0.14, 0.11
HSL	77°, 36%, 82%
HSV	77°, 14%, 89%
XYZ	65.5492, 73.0395, 61.6822
YIQ	219.6610, 4.9080, -11.8600

Conversions

Conversions Part 2

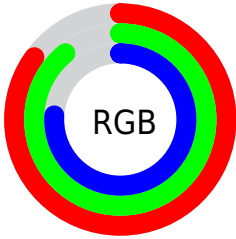
Format	Color
RYB	194, 226, 203
Decimal	14279362
CIELab	88.47, -8.53, 14.63
CIELCh	88, 16.935, 120.258
Yxy	73.0395, 0.3273, 0.3647
Android (android.graphics.Color)	4292469442 (0xFFD9E2C2)
YUV	219.6610, -12.6509, -2.3337
Hunter-Lab	85.4631, -12.6530, 17.0322

Details

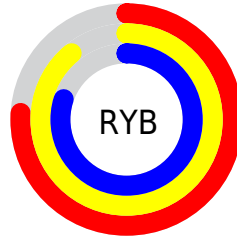
The RGB color **217, 226, 194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **203, 194, 226**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 251**, and **162, 171, 140** is the 20% darker color. If you saturate the color by 10%, you get **211, 226, 171**, and if you desaturate by 10%, it is **223, 226, 217**.

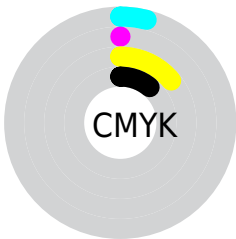
Distribution



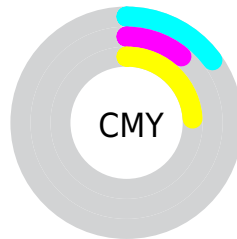
- Red (85%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 226, 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 217, 226, 194 by changing the saturation by 10% instead.

■ 217, 226, 194

255, 255, 255

■ 255, 255, 251

■ 217, 226, 194

■ 189, 198, 167

■ 162, 171, 140

■ 136, 144, 115

■ 110, 119, 90

■ 86, 94, 67

■ 62, 70, 44

■ 40, 48, 23

■ 21, 27, 0

■ 0, 0, 0

 217, 226, 194

 217, 226, 194

 211, 226, 171

 223, 226, 217

 204, 226, 149

 230, 226, 239

 198, 226, 126


 236, 226, 255

 192, 226, 104


 242, 226, 255

 185, 226, 81

 249, 226, 255

 179, 226, 58

 255, 226, 255

 173, 226, 36

 166, 226, 13

 162, 226, 0

Harmonies

Analogous

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



235, 221, 190



217, 226, 194



199, 230, 206

Triad

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



217, 226, 194



188, 228, 249



254, 211, 222

Complementary

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



217, 226, 194



203, 194, 226

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.



243, 213, 238



217, 226, 194



205, 223, 254

Square

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



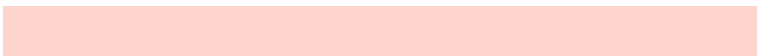
217, 226, 194



180, 231, 238



225, 218, 250



255, 212, 206

Rectangle

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



217, 226, 194



189, 231, 216



225, 218, 250



252, 211, 228

Sweetspot

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



217, 226, 194



252, 255, 245



226, 203, 194



126, 128, 121



0, 0, 0



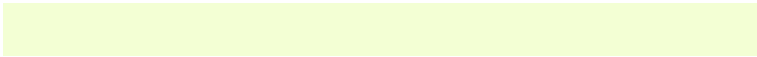
128, 128, 128

Same Dimension

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



217, 226, 194



243, 255, 212



201, 226, 194



109, 112, 101



126, 176, 0



35, 48, 0

Inverse Universe

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



203, 194, 226



224, 212, 255



219, 194, 226



104, 101, 112



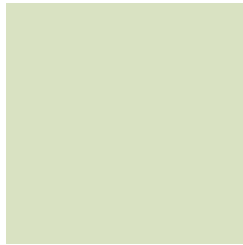
49, 0, 176



14, 0, 48

Previews

White Background



This preview shows how the RGB color 217, 226, 194 looks on a white background.

Color Contrast Check

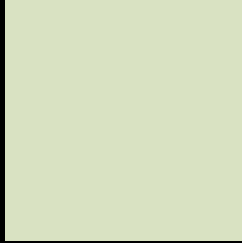
Large Text (above 18pt) WCAG AA × Fail

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 217, 226, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

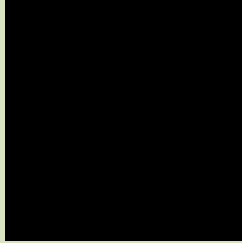
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

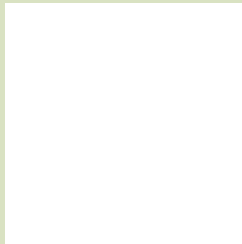
Any Text WCAG AAA ✓ Pass

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

RGB 217, 226, 194 Background



This preview shows how black text looks on a background with the RGB color 217, 226, 194.



This preview shows how white text looks on a background with the RGB color 217, 226, 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](#).

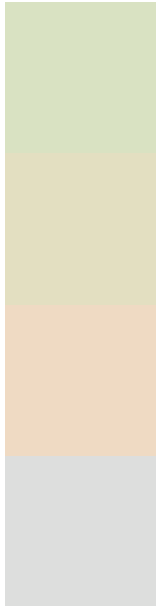
Dichromacy





Tritanopia
223, 220, 237

Trichromacy



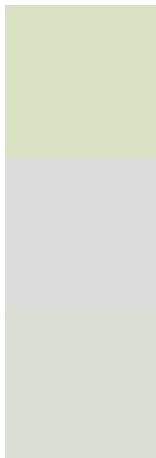
Original Color
217, 226, 194

Protanomaly
227, 223, 193

Deuteranomaly
239, 218, 195

Tritanomaly
221, 222, 221

Monochromacy



Original Color
217, 226, 194

Achromatopsia
220, 220, 220

Achromatomaly
219, 222, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 226, 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(217, 226, 194)` looks like.

```
.text, #text, p{  
    color:rgb(217, 226, 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(217, 226, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 226, 194) }
```

Border

The CSS property to change the border of an element to RGB 217, 226, 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(217, 226, 194) }
```

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

```
.border{ border-color:rgb(217, 226, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 226, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 226, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 226, 194);  
box-shadow:4px 4px 4px 4px rgb(217, 226,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 217, 226, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 226, 194) }
```

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

```
.background{ background-color: rgb(217,  
226, 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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