

# Converting Colors

RGB(217, 228, 193)

Have a look what the booklet for  
RGB(217, 228, 193) contains.

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# **Color**

**RGB(217, 228, 193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E4C1
RGB	217, 228, 193
RGB Percent	85%, 89%, 76%
CMY	0.1490, 0.1059, 0.2431
CMYK	0.05, 0.00, 0.15, 0.11
HSL	79°, 39%, 83%
HSV	79°, 15%, 89%
XYZ	65.9843, 74.0888, 61.2749
YIQ	220.7210, 4.6790, -13.2170

# Conversions

## Conversions Part 2

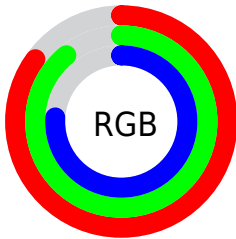
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 228, 204
Decimal	14279873
CIELab	88.96, -9.70, 15.85
CIELCh	89, 18.586, 121.475
Yxy	74.0888, 0.3277, 0.3680
Android (android.graphics.Color)	4292469953 (0xFFD9E4C1)
YUV	220.7210, -13.6665, -3.2633
Hunter-Lab	86.0748, -13.7942, 18.0451

# Details

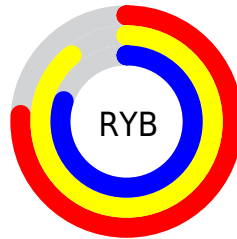
The RGB color **217, 228, 193** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **204, 193, 228**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 250**, and **162, 173, 139** is the 20% darker color. If you saturate the color by 10%, you get **210, 228, 170**, and if you desaturate by 10%, it is **224, 228, 216**.

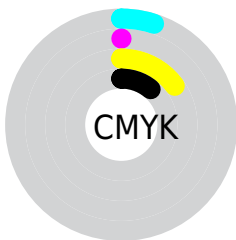
# Distribution



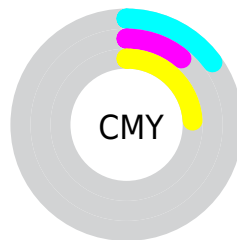
- Red (85%)
- Green (89%)
- Blue (76%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 217, 228, 193 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, 228, 193 by changing the saturation by 10% instead.




 217, 228, 193

255, 255, 255


 255, 255, 250

 217, 228, 193

 189, 200, 166

 162, 173, 139


 136, 146, 114

 110, 120, 89

 86, 96, 66

 62, 72, 43

 40, 49, 22

 21, 28, 0

 0, 0, 0

 217, 228, 193

 217, 228, 193

 210, 228, 170

 224, 228, 216

 203, 228, 147


 231, 228, 239

 196, 228, 125


 238, 228, 255

 188, 228, 102

 246, 228, 255


 181, 228, 79

 253, 228, 255

 174, 228, 56

 255, 228, 255

 167, 228, 33

 160, 228, 11

 156, 228, 0

# Harmonies

## Analogous

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



237, 222, 188



217, 228, 193



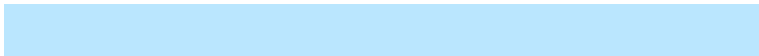
197, 232, 206

# Triad

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



217, 228, 193



186, 230, 254



255, 211, 223

# Complementary

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



217, 228, 193



204, 193, 228

# Split Complementary

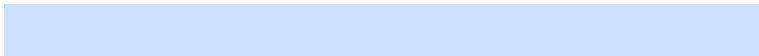
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 214, 241



217, 228, 193



205, 225, 255

# Square

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



217, 228, 193



177, 233, 241



228, 219, 254



255, 212, 206

# Rectangle

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



217, 228, 193



186, 234, 218



228, 219, 254



255, 212, 229



# Sweetspot

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



217, 228, 193



251, 255, 242



228, 203, 193



125, 128, 120



0, 0, 0



128, 128, 128

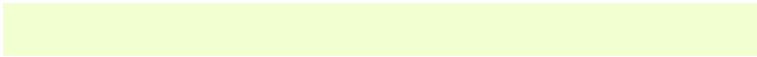


# Same Dimension

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



217, 228, 193



241, 255, 209



200, 228, 193



111, 115, 103



122, 179, 0



35, 51, 0



# Inverse Universe

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



204, 193, 228



224, 209, 255



221, 193, 228



107, 103, 115



56, 0, 179

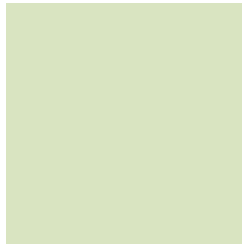


16, 0, 51



# Previews

## White Background



This preview shows how the RGB color 217, 228, 193 looks on a white background.

## Color Contrast Check

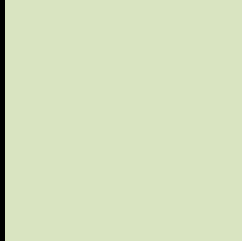
Large Text (above 18pt) WCAG AA × Fail

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, 228, 193 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

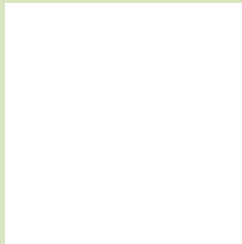
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 217, 228, 193 Background



This preview shows how black text looks on a background with the RGB color 217, 228, 193.



This preview shows how white text looks on a background with the RGB color 217, 228, 193.

# 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

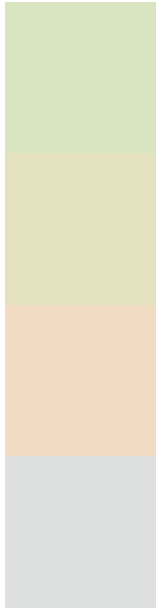




# Tritanopia

224, 222, 239

# Trichromacy



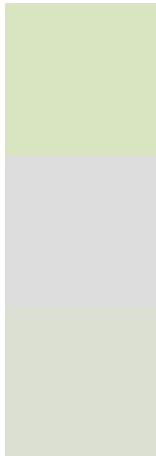
**Original Color**  
217, 228, 193

**Protanomaly**  
228, 225, 191

**Deuteranomaly**  
241, 220, 195

**Tritanomaly**  
221, 224, 222

# Monochromacy



**Original Color**  
217, 228, 193

**Achromatopsia**  
221, 221, 221

**Achromatomaly**  
220, 224, 211

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 217, 228, 193 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, 228, 193)` looks like.

```
.text, #text, p{  
    color:rgb(217, 228, 193)  
}
```

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, 228, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 228, 193) }
```

## Border

The CSS property to change the border of an element to RGB 217, 228, 193 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, 228, 193) }
```

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

```
.border{ border-color:rgb(217, 228, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 228, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 228, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 228, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 228,  
193) }
```

# Background

The CSS property to change the background color of an element to RGB 217, 228, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 228, 193) }
```

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

```
.background{ background-color: rgb(217,  
228, 193) }
```

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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