

# Converting Colors

Hex(C9E4C9)

Have a look what the booklet for  
Hex(C9E4C9) contains.

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# **Color**

**Hex(C9E4C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9E4C9
RGB	201, 228, 201
RGB Percent	79%, 89%, 79%
CMY	0.2118, 0.1059, 0.2118
CMYK	0.12, 0.00, 0.12, 0.11
HSL	120°, 33%, 84%
HSV	120°, 12%, 89%
XYZ	62.3734, 72.1214, 65.8917
YIQ	216.8490, -7.4250, -14.1210

# Conversions

## Conversions Part 2

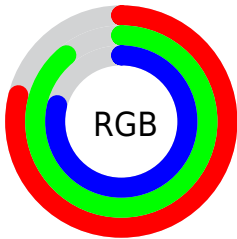
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 228, 228
Decimal	13231305
CIE <sub>Lab</sub>	88.03, -13.89, 10.19
CIE <sub>LCh</sub>	88, 17.227, 143.744
Yxy	72.1214, 0.3113, 0.3599
Android (android.graphics.Color)	4291421385 (0xFFC9E4C9)
YUV	216.8490, -7.8136, -13.8996
Hunter-Lab	84.9243, -17.5166, 13.4446

# Details

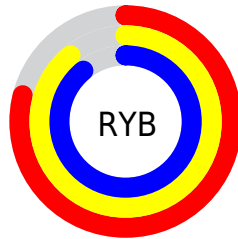
The Hex color **C9E4C9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E4C9E4**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **93AD93** is the 20% darker color. If you saturate the color by 10%, you get **B2E4B2**, and if you desaturate by 10%, it is **E0E4E0**.

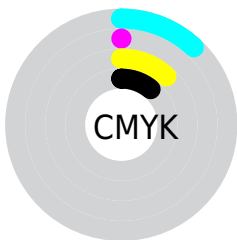
# Distribution



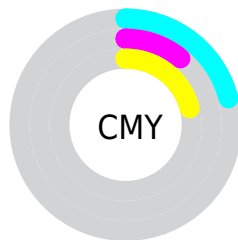
- Red (79%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9E4C9 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 Hex color C9E4C9 by changing the saturation by 10% instead.



 C9E4C9

 C9E4C9

FFFFFF

 AEC8AE

 93AD93

 799279

 607860

 485F49

 314832

 1B311D

 051C04

 000000

 C9E4C9

 C9E4C9

 B2E4B2

 E0E4E0

 9BE49B

 F7E4F7

 85E485

 FFE4FF

 6EE46E

 57E457

 40E440

 29E429

 13E413

 00E400

# Harmonies

## Analogous

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



DCE0BF



C9E4C9



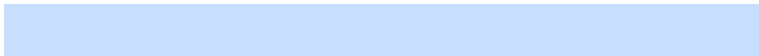
BAE6D9

# Triad

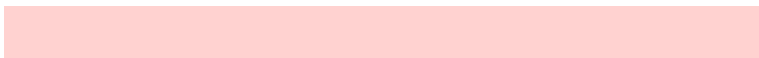
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C9E4C9



C7DFFD



FFD2D0

# Complementary

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



C9E4C9



E4C9E4

# 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.



FCD2E1



C9E4C9



DCDAFB

# Square

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



C9E4C9



B7E4F7



EFD5F0



FAD5C3

# Rectangle

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



C9E4C9



B4E6E4



EFD5F0



FFD2D6

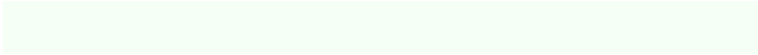


# Sweetspot

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



C9E4C9



F5FFF5



E4E4C9



798079



000000



808080

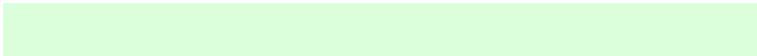


# Same Dimension

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



C9E4C9



DBFFDB



C9E4D7



677367



00B300



003300



# Inverse Universe

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



E4C9E4



FFDBFF



E4C9D7



736773



B300B3

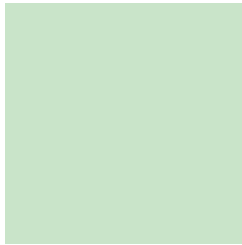


330033



# Previews

## White Background



This preview shows how the Hex color C9E4C9 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 Hex color C9E4C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

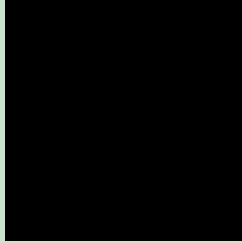
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

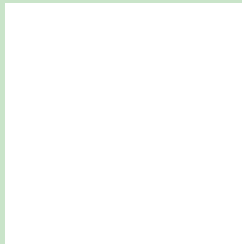
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C9E4C9 Background



This preview shows how black text looks on a background with the Hex color C9E4C9.

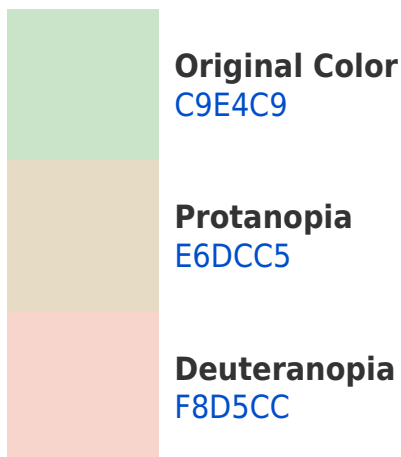


This preview shows how white text looks on a background with the Hex color C9E4C9.

# 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





# Trichromacy



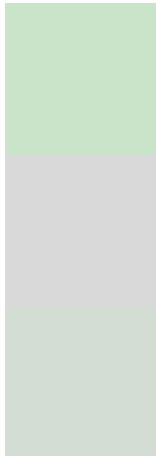
**Original Color**  
C9E4C9

**Protanomaly**  
DBDFC6

**Deuteranomaly**  
E7DACB

**Tritanomaly**  
CDE0E2

# Monochromacy



**Original Color**  
C9E4C9

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
D3DDD3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9E4C9 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 #C9E4C9 looks like.

```
.text, #text, p{  
    color:#C9E4C9  
}
```

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 #C9E4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9E4C9
}
```

## Border

The CSS property to change the border of an element to Hex C9E4C9 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
#C9E4C9 }
```

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

```
.border{ border-color:#C9E4C9 }
```

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

Here you see how a box with a 4 pixel #C9E4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9E4C9; -webkit-box-shadow:4px 4px  
4px 4px #C9E4C9; box-shadow:4px 4px 4px  
4px #C9E4C9 }
```

# Background

The CSS property to change the background color of an element to Hex C9E4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9E4C9 }
```

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

```
.background{ background-color:#C9E4C9 }
```

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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