

# Converting Colors

Hex(9CE4C4)

Have a look what the booklet for  
Hex(9CE4C4) contains.

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# **Color**

**Hex(9CE4C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CE4C4
RGB	156, 228, 196
RGB Percent	61%, 89%, 77%
CMY	0.3882, 0.1059, 0.2314
CMYK	0.32, 0.00, 0.14, 0.11
HSL	153°, 57%, 75%
HSV	153°, 32%, 89%
XYZ	51.4175, 66.5402, 62.3581
YIQ	202.8240, -32.6400, -25.2160

# Conversions

## Conversions Part 2

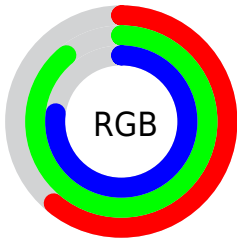
Format	Color
<b>RYB</b>	156, 202, 228
Decimal	10282180
CIELab	85.27, -29.11, 8.52
CIELCh	85, 30.328, 163.691
Yxy	66.5402, 0.2852, 0.3690
Android (android.graphics.Color)	4288472260 (0xFF9CE4C4)
YUV	202.8240, -3.3642, -41.0646
Hunter-Lab	81.5722, -30.2372, 11.7761

# Details

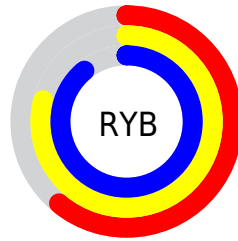
The Hex color **9CE4C4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E49CBC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D4FFFD**, and **66AC8E** is the 20% darker color. If you saturate the color by 10%, you get **85E4BA**, and if you desaturate by 10%, it is **B3E4CE**.

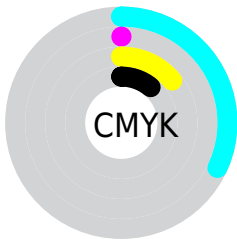
# Distribution



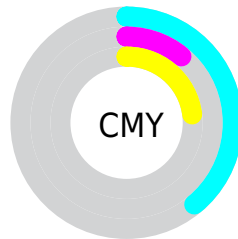
- Red (61%)
- Green (89%)
- Blue (77%)



- Red (61%)
- Yellow (79%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CE4C4 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 9CE4C4 by changing the saturation by 10% instead.



 9CE4C4

 9CE4C4

FFFFFF

 81C8A9

 D4FFFD

 66AC8E

 F1FFFF

 4C9175

 31775C

 145E45

 00462E

 002F19

 001B00

 000000

 9CE4C4

 9CE4C4

 85E4BA

 B3E4CE

 6EE4B0

 CAE4D8

 58E4A6

 E0E4E2

 41E49B

 F7E4ED

 2AE491

 FFE4F7

 13E487

 FFE4FF

 00E47F

# Harmonies

## Analogous

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



BCDFAB



9CE4C4



84E5E2

# Triad

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



9CE4C4



C4D3FF



FFC5AF

# Complementary

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



9CE4C4



E49CBC

# 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.



FFC0C9



9CE4C4



EAC9FF

# Square

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



9CE4C4



9DDCFF



FFC2E6



F8CE9F

# Rectangle

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



9CE4C4



80E4F4



FFC2E6



FFC3B7

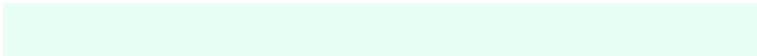


# Sweetspot

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



9CE4C4



E8FFF5



BCE49C



718079



000000



808080

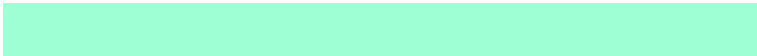


# Same Dimension

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



9CE4C4



9EFFD4



9CE0E4



67736E



00B363



00331C



# Inverse Universe

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



E49CBC



FF9EC9



E4A09C



73676C



B3004F

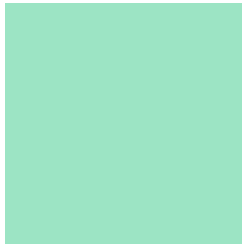


330017



# Previews

## White Background



This preview shows how the Hex color 9CE4C4 looks on a white background.

## Color Contrast Check

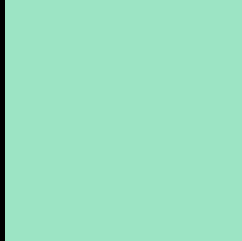
Large Text (above 18pt) WCAG AA × Fail

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 9CE4C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

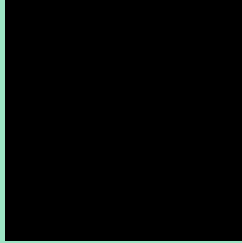
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

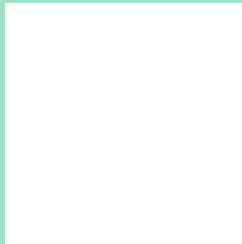
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CE4C4 Background



This preview shows how black text looks on a background with the Hex color 9CE4C4.

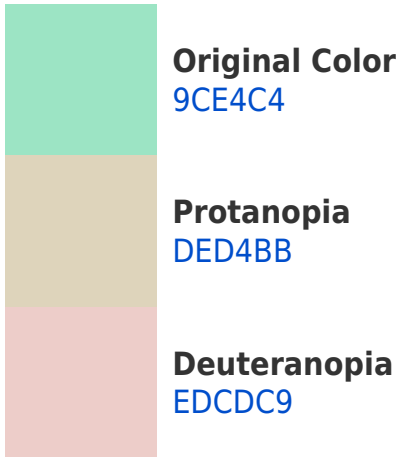


This preview shows how white text looks on a background with the Hex color 9CE4C4.

# 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](#).

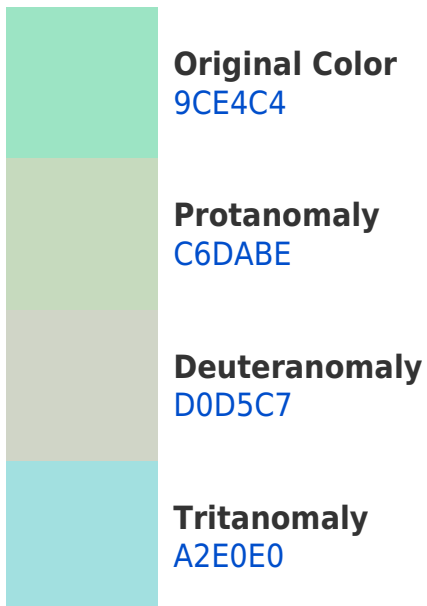
## Dichromacy



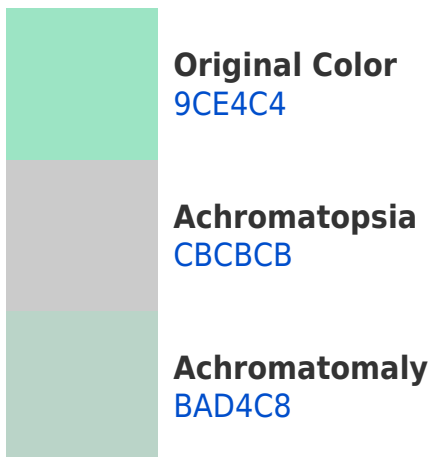


**Tritanopia**  
A5DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CE4C4 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 #9CE4C4 looks like.

```
.text, #text, p{  
    color:#9CE4C4  
}
```

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 #9CE4C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE4C4
}
```

## Border

The CSS property to change the border of an element to Hex 9CE4C4 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
#9CE4C4 }
```

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

```
.border{ border-color:#9CE4C4 }
```

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

Here you see how a box with a 4 pixel #9CE4C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE4C4; -webkit-box-shadow:4px 4px  
4px 4px #9CE4C4; box-shadow:4px 4px 4px  
4px #9CE4C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9CE4C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE4C4 }
```

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

```
.background{ background-color:#9CE4C4 }
```

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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