

Converting Colors

Hex(9CEAC8)

Have a look what the booklet for
Hex(9CEAC8) contains.

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Color

Hex(9CEAC8)

Conversions

Conversions Part 1

Format	Color
Hex	9CEAC8
RGB	156, 234, 200
RGB Percent	61%, 92%, 78%
CMY	0.3882, 0.0824, 0.2157
CMYK	0.33, 0.00, 0.15, 0.08
HSL	154°, 65%, 76%
HSV	154°, 33%, 92%
XYZ	53.5584, 70.0837, 65.3483
YIQ	206.8020, -35.5740, -27.1100

Conversions

Conversions Part 2

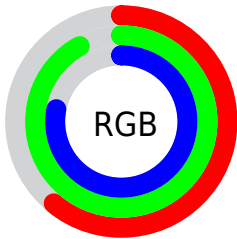
Format	Color
RYB	156, 206, 234
Decimal	10283720
CIELab	87.04, -31.14, 8.95
CIELCh	87, 32.405, 163.969
Yxy	70.0837, 0.2834, 0.3708
Android (android.graphics.Color)	4288473800 (0xFF9CEAC8)
YUV	206.8020, -3.3534, -44.5534
Hunter-Lab	83.7160, -32.3052, 12.3197

Details

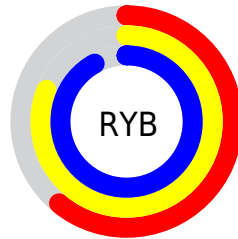
The Hex color **9CEAC8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA9CBE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D4FFFF**, and **66B292** is the 20% darker color. If you saturate the color by 10%, you get **85EABE**, and if you desaturate by 10%, it is **B3EAD2**.

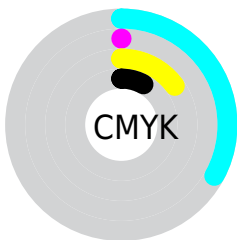
Distribution



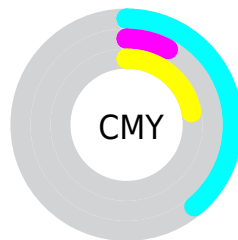
- Red (61%)
- Green (92%)
- Blue (78%)



- Red (61%)
- Yellow (81%)
- Blue (92%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (39%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9CEAC8 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 9CEAC8 by changing the saturation by 10% instead.

 9CEAC8

 9CEAC8

FFFFFF

 81CEAD

 D4FFFF

 66B292

 F2FFFF

 4B9778

 307D60

 0F6348

 004B31

 00341C

 002003

 000000

 9CEAC8

 9CEAC8

 85EABE

 B3EAD2

 6DEAB4

 CBEADC

 56EAA9

 E2EAE7

 3EEA9F

 FAEAF1

 27EA95

 FFEAFB

 10EA8B

 FFEAFF

 00EA84

Harmonies

Analogous

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



BFE5AD



9CEAC8



82EBE8

Triad

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



9CEAC8



C8D8FF



FFC9B1

Complementary

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



9CEAC8



EA9CBE

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.



FFC4CD



9CEAC8



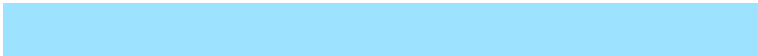
F0CDFF

Square

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



9CEAC8



9DE2FF



FFC5EC



FFD29F

Rectangle

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



9CEAC8



7DEAFB



FFC5EC



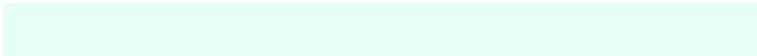
FFC6B9

Sweetspot

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



9CEAC8



E6FFF4



BFEA9C



708079



000000



808080

Same Dimension

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



9CEAC8



99FFD3



9CE6EA



6A7570



00B566



00361E

Inverse Universe

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



EA9CBE



FF99C5



EAA09C



756A6F



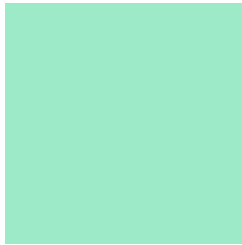
B5004F



360017

Previews

White Background



This preview shows how the Hex color 9CEAC8 looks on a white background.

Color Contrast Check

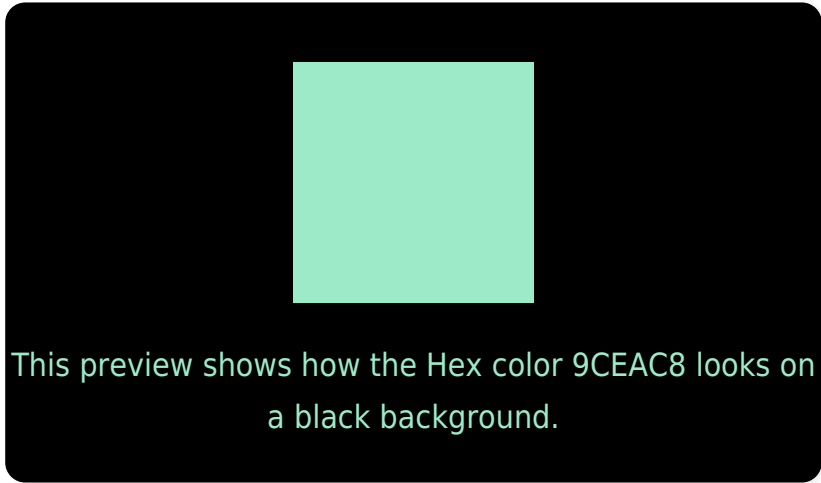
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

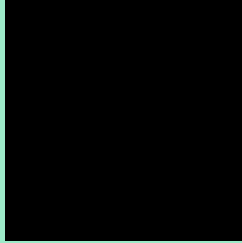
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

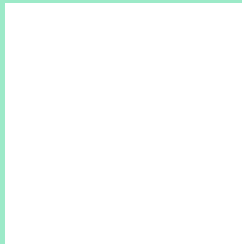
Any Text WCAG AAA ✓ Pass

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

Hex 9CEAC8 Background



This preview shows how black text looks on a background with the Hex color 9CEAC8.

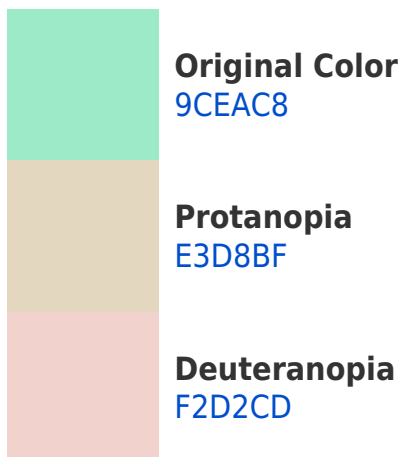


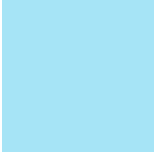
This preview shows how white text looks on a background with the Hex color 9CEAC8.

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



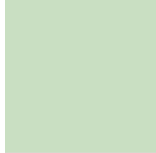


Tritanopia
A6E4F6

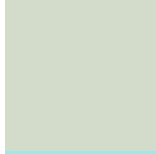
Trichromacy



Original Color
9CEAC8



Protanomaly
C9DFC2



Deuteranomaly
D3DBC8

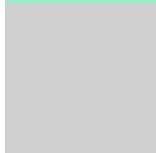


Tritanomaly
A2E6E5

Monochromacy



Original Color
9CEAC8



Achromatopsia
CFCFCF



Achromatomaly
BCD9CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CEAC8 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 #9CEAC8 looks like.

```
.text, #text, p{  
    color:#9CEAC8  
}
```

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 #9CEAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CEAC8  
}
```

Border

The CSS property to change the border of an element to Hex 9CEAC8 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  
#9CEAC8 }
```

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

```
.border{ border-color:#9CEAC8 }
```

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

Here you see how a box with a 4 pixel #9CEAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CEAC8; -webkit-box-shadow:4px 4px  
4px 4px #9CEAC8; box-shadow:4px 4px 4px  
4px #9CEAC8 }
```

Background

The CSS property to change the background color of an element to Hex 9CEAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CEAC8 }
```

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

```
.background{ background-color:#9CEAC8 }
```

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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