

Converting Colors

Hex(9CE7C3)

Have a look what the booklet for
Hex(9CE7C3) contains.

Hex(9CE7C3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9CE7C3)

Conversions

Conversions Part 1

Format	Color
Hex	9CE7C3
RGB	156, 231, 195
RGB Percent	61%, 91%, 76%
CMY	0.3882, 0.0941, 0.2353
CMYK	0.32, 0.00, 0.16, 0.09
HSL	151°, 61%, 76%
HSV	151°, 32%, 91%
XYZ	52.1365, 68.1599, 62.0380
YIQ	204.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

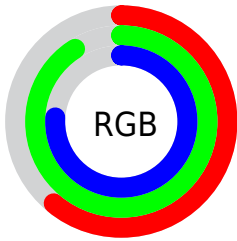
Format	Color
RYB	156, 205, 231
Decimal	10282947
CIELab	86.09, -30.73, 10.21
CIELCh	86, 32.381, 161.627
Yxy	68.1599, 0.2859, 0.3738
Android (android.graphics.Color)	4288473027 (0xFF9CE7C3)
YUV	204.4710, -4.6692, -42.5091
Hunter-Lab	82.5590, -31.7543, 13.2385

Details

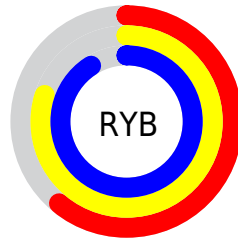
The Hex color **9CE7C3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E79CC0**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D4FFFC**, and **66AF8D** is the 20% darker color. If you saturate the color by 10%, you get **85E7B8**, and if you desaturate by 10%, it is **B3E7CE**.

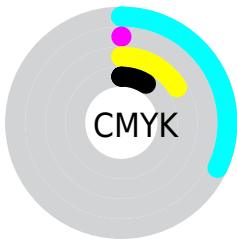
Distribution



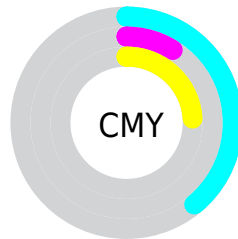
- Red (61%)
- Green (91%)
- Blue (76%)



- Red (61%)
- Yellow (80%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9CE7C3 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 9CE7C3 by changing the saturation by 10% instead.

 9CE7C3

 9CE7C3

FFFFFF

 81CBA8

 D4FFFC

 66AF8D

 F1FFFF

 4B9474

 317A5B

 126144

 00492D

 003118

 001E00

 000000

 9CE7C3

 9CE7C3

 85E7B8

 B3E7CE

 6EE7AD

 CAE7D9

 57E7A2


 E1E7E4

 40E797

 F8E7EF

 29E78C

 FFE7FA

 11E780

 FFE7FF

 00E778

Harmonies

Analogous

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



BFE2A9



9CE7C3



80E9E3

Triad

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



9CE7C3



C2D6FF



FFC6B0

Complementary

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



9CE7C3



E79CC0

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.



FFC1CC



9CE7C3



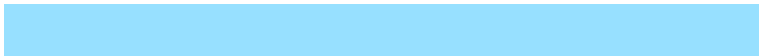
EBCBFF

Square

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



9CE7C3



97E0FF



FFC3EB



FECF9E

Rectangle

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



9CE7C3



7AE7F6



FFC3EB



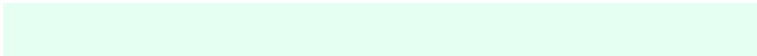
FFC3B9

Sweetspot

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



9CE7C3



E6FFF3



C0E79C



708078



000000



808080

Same Dimension

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



9CE7C3



9CFFCF



9CE6E7



67736D



00B35D



00331B

Inverse Universe

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



E79CC0



FF9CCB



E79D9C



73676D



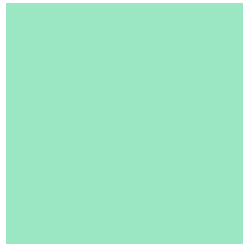
B30056



330018

Previews

White Background



This preview shows how the Hex color 9CE7C3 looks on a white background.

Color Contrast Check

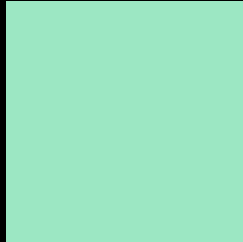
Large Text (above 18pt) WCAG AA × Fail

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 9CE7C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

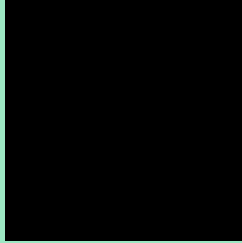
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

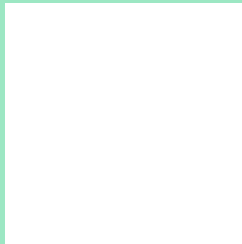
Any Text WCAG AAA ✓ Pass

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

Hex 9CE7C3 Background



This preview shows how black text looks on a background with the Hex color 9CE7C3.

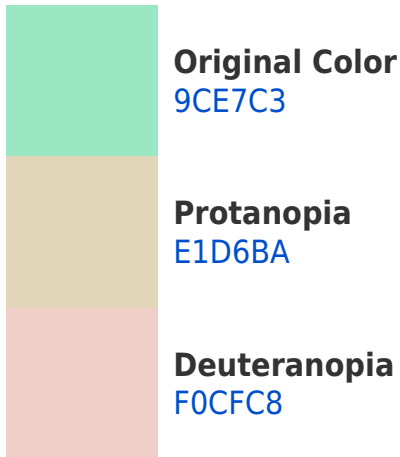


This preview shows how white text looks on a background with the Hex color 9CE7C3.

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



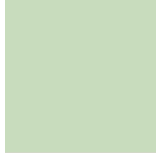


Tritanopia
A6E0F2

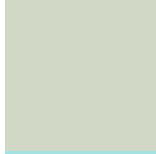
Trichromacy



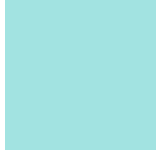
Original Color
9CE7C3



Protanomaly
C8DCBD



Deuteranomaly
D1D8C6

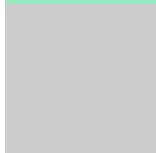


Tritanomaly
A2E3E1

Monochromacy



Original Color
9CE7C3



Achromatopsia
CCCCCC



Achromatomaly
BBD6C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CE7C3 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 #9CE7C3 looks like.

```
.text, #text, p{  
    color:#9CE7C3  
}
```

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 #9CE7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE7C3
}
```

Border

The CSS property to change the border of an element to Hex 9CE7C3 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
#9CE7C3 }
```

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

```
.border{ border-color:#9CE7C3 }
```

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

Here you see how a box with a 4 pixel #9CE7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE7C3; -webkit-box-shadow:4px 4px  
4px 4px #9CE7C3; box-shadow:4px 4px 4px  
4px #9CE7C3 }
```

Background

The CSS property to change the background color of an element to Hex 9CE7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE7C3 }
```

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

```
.background{ background-color:#9CE7C3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor