

Converting Colors

Hex(9CE9D3)

Have a look what the booklet for
Hex(9CE9D3) contains.

Hex(9CE9D3)	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(9CE9D3)

Conversions

Conversions Part 1

Format	Color
Hex	9CE9D3
RGB	156, 233, 211
RGB Percent	61%, 91%, 83%
CMY	0.3882, 0.0863, 0.1725
CMYK	0.33, 0.00, 0.09, 0.09
HSL	163°, 64%, 76%
HSV	163°, 33%, 91%
XYZ	54.6071, 70.0489, 72.2707
YIQ	207.4690, -38.8300, -23.1660

Conversions

Conversions Part 2

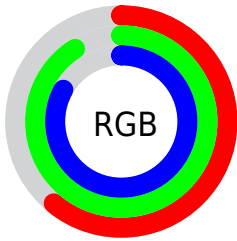
Format	Color
RYB	156, 201, 233
Decimal	10283475
CIELab	87.02, -28.39, 3.16
CIELCh	87, 28.569, 173.646
Yxy	70.0489, 0.2773, 0.3557
Android (android.graphics.Color)	4288473555 (0xFF9CE9D3)
YUV	207.4690, 1.7408, -45.1383
Hunter-Lab	83.6952, -30.0040, 7.3898

Details

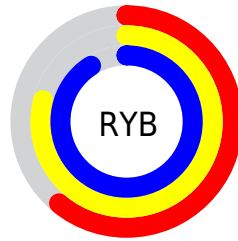
The Hex color **9CE9D3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E99CB2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D5FFFF**, and **65B19D** is the 20% darker color. If you saturate the color by 10%, you get **85E9CC**, and if you desaturate by 10%, it is **B3E9DA**.

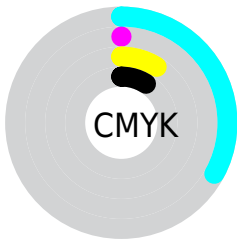
Distribution



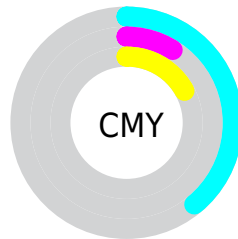
- Red (61%)
- Green (91%)
- Blue (83%)



- Red (61%)
- Yellow (79%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CE9D3 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 9CE9D3 by changing the saturation by 10% instead.

 9CE9D3

 9CE9D3

FFFFFF

 81CDB7

 D5FFFF

 65B19D

 F2FFFF

 4B9682

 2F7C69

 0D6351

 004A3A

 003325

 002010

 000000

 9CE9D3

 9CE9D3

 85E9CC

 B3E9DA

 6DE9C6

 CBE9E0

 56E9BF

 E2E9E7

 3FE9B8

 F9E9EE

 27E9B2

 FFE9F4

 10E9AB

 FFE9FB

 00E9A6

 FFE9FF

Harmonies

Analogous

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



B8E6B9



9CE9D3



8CE9EF

Triad

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



9CE9D3



D7D5FF



FFCDAF

Complementary

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



9CE9D3



E99CB2

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.



F7C7C5



9CE9D3



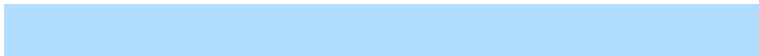
F7CCFA

Square

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



9CE9D3



B1DEFF



FFC7E1



F4D6A4

Rectangle

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



9CE9D3



8EE7FE



FFC7E1



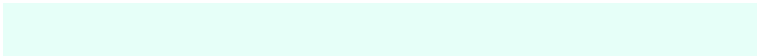
FFCBB6

Sweetspot

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



9CE9D3



E6FFF8



B3E99C



70807B



000000



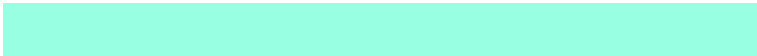
808080

Same Dimension

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



9CE9D3



99FFE2



9CDAE9



6A7572



00B581



003626

Inverse Universe

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



E99CB2



FF99B6



E9AB9C



756A6D



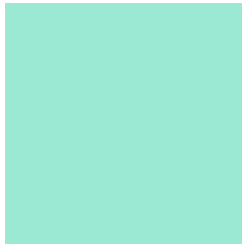
B50034



36000F

Previews

White Background



This preview shows how the Hex color 9CE9D3 looks on a white background.

Color Contrast Check

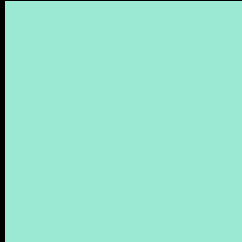
Large Text (above 18pt) WCAG AA × Fail

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 9CE9D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

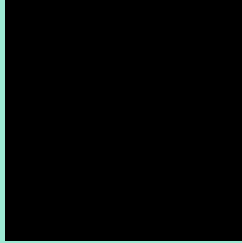
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

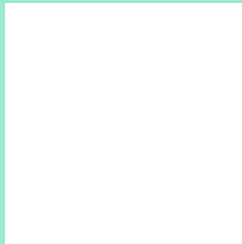
Any Text WCAG AAA ✓ Pass

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

Hex 9CE9D3 Background



This preview shows how black text looks on a background with the Hex color 9CE9D3.

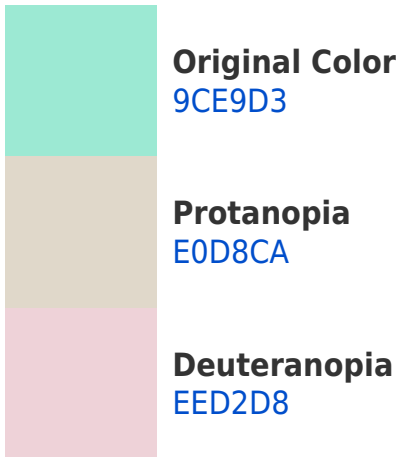


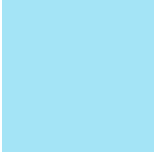
This preview shows how white text looks on a background with the Hex color 9CE9D3.

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



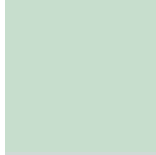


Tritanopia
A4E4F6

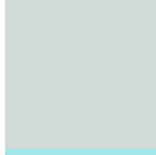
Trichromacy



Original Color
9CE9D3



Protanomaly
C7DECD



Deuteranomaly
D0DAD6

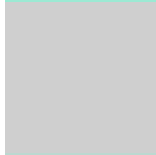


Tritanomaly
A1E6E9

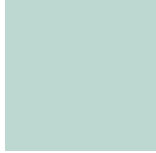
Monochromacy



Original Color
9CE9D3



Achromatopsia
CFCFCF



Achromatomaly
BCD8D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CE9D3 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 #9CE9D3 looks like.

```
.text, #text, p{  
    color:#9CE9D3  
}
```

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 #9CE9D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE9D3
}
```

Border

The CSS property to change the border of an element to Hex 9CE9D3 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
#9CE9D3 }
```

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

```
.border{ border-color:#9CE9D3 }
```

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

Here you see how a box with a 4 pixel #9CE9D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE9D3; -webkit-box-shadow:4px 4px  
4px 4px #9CE9D3; box-shadow:4px 4px 4px  
4px #9CE9D3 }
```

Background

The CSS property to change the background color of an element to Hex 9CE9D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE9D3 }
```

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

```
.background{ background-color:#9CE9D3 }
```

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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