

# Converting Colors

Hex(9CE4E3)

Have a look what the booklet for  
Hex(9CE4E3) contains.

<b>Hex(9CE4E3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9CE4E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CE4E3
RGB	156, 228, 227
RGB Percent	61%, 89%, 89%
CMY	0.3882, 0.1059, 0.1098
CMYK	0.32, 0.00, 0.00, 0.11
HSL	179°, 57%, 75%
HSV	179°, 32%, 89%
XYZ	55.3188, 68.1008, 82.9022
YIQ	206.3580, -42.5910, -15.5750

# Conversions

## Conversions Part 2

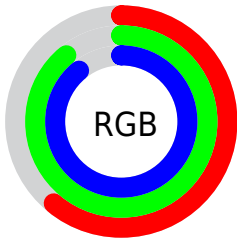
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 192, 228
Decimal	10282211
CIELab	86.06, -22.44, -6.67
CIELCh	86, 23.410, 196.547
Yxy	68.1008, 0.2681, 0.3301
Android (android.graphics.Color)	4288472291 (0xFF9CE4E3)
YUV	206.3580, 10.1765, -44.1640
Hunter-Lab	82.5232, -24.7594, -1.7961

# Details

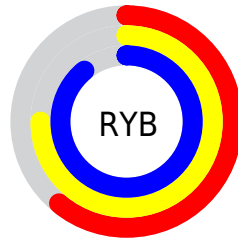
The Hex color **9CE4E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E49C9D**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D5FFFF**, and **65ACAC** is the 20% darker color. If you saturate the color by 10%, you get **85E4E3**, and if you desaturate by 10%, it is **B3E4E3**.

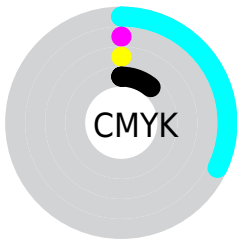
# Distribution



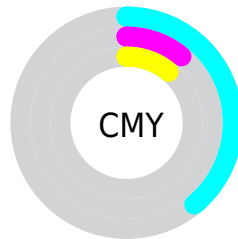
- Red (61%)
- Green (89%)
- Blue (89%)



- Red (61%)
- Yellow (75%)
- Blue (89%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CE4E3 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 9CE4E3 by changing the saturation by 10% instead.



 9CE4E3

 9CE4E3

FFFFFF

 80C8C7

 D5FFFF

 65ACAC

 F2FFFF

 4A9291

 2E7878

 0A5F5F

 004747

 003031

 001D1C

 000000

 9CE4E3

 9CE4E3

 85E4E3

 B3E4E3

 6EE4E2

 CAE4E4

 58E4E2

 E0E4E4

 41E4E2

 F7E4E4

 2AE4E1

 FFE4E5

 13E4E1

 FFE4E6

 00E4E1

# Harmonies

## Analogous

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



ABE3CC



9CE4E3



9EE2F7

# Triad

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



9CE4E3



EACEF6



F2D2AD

# Complementary

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



9CE4E3



E49C9D

# 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.



FFCCB8



9CE4E3



FEC9E2

# Square

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



9CE4E3



CED5FF



FFC8CC



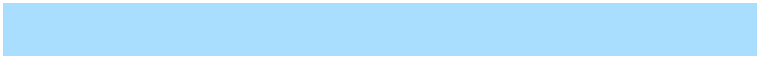
DBDAAD

# Rectangle

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



9CE4E3



A9DEFF



FFC8CC



F8D0AF



# Sweetspot

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



9CE4E3



E8FFFF



9DE49C



71807F



000000



808080

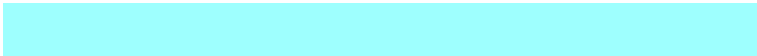


# Same Dimension

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



9CE4E3



9EFFFF



9CC1E4



677373



00B3B0



003332



# Inverse Universe

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



E49C9D



FF9E9F



E4BF9C



736767



B30002

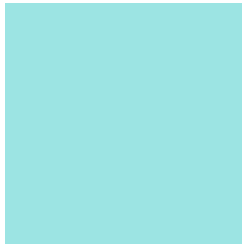


330001



# Previews

## White Background



This preview shows how the Hex color 9CE4E3 looks on a white background.

## Color Contrast Check

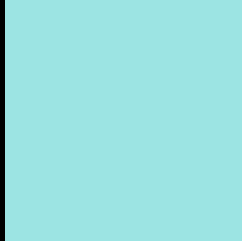
Large Text (above 18pt) WCAG AA × Fail

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 9CE4E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

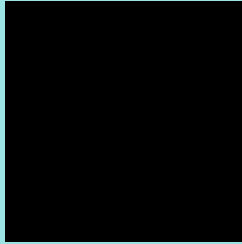
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CE4E3 Background



This preview shows how black text looks on a background with the Hex color 9CE4E3.

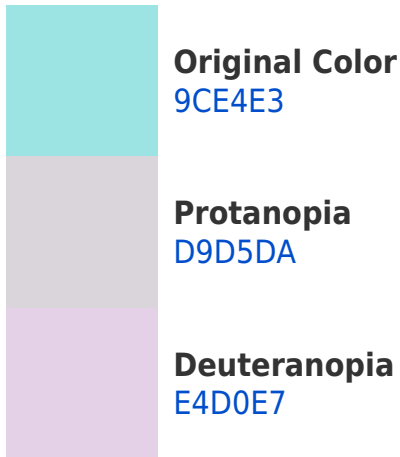


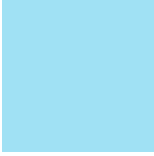
This preview shows how white text looks on a background with the Hex color 9CE4E3.

# 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



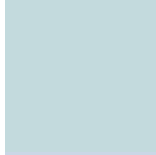


**Tritanopia**  
A0E1F4

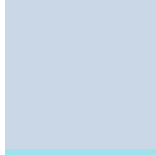
# Trichromacy



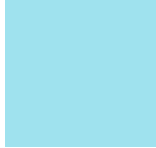
**Original Color**  
9CE4E3



**Protanomaly**  
C3DADD



**Deuteranomaly**  
CAD7E6

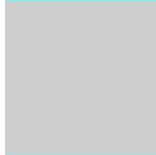


**Tritanomaly**  
9FE2EE

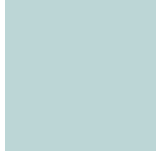
# Monochromacy



**Original Color**  
9CE4E3



**Achromatopsia**  
CECECE



**Achromatomaly**  
BCD6D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CE4E3 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 #9CE4E3 looks like.

```
.text, #text, p{  
    color:#9CE4E3  
}
```

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 #9CE4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE4E3
}
```

## Border

The CSS property to change the border of an element to Hex 9CE4E3 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
#9CE4E3 }
```

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

```
.border{ border-color:#9CE4E3 }
```

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

Here you see how a box with a 4 pixel #9CE4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE4E3; -webkit-box-shadow:4px 4px  
4px 4px #9CE4E3; box-shadow:4px 4px 4px  
4px #9CE4E3 }
```

# Background

The CSS property to change the background color of an element to Hex 9CE4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE4E3 }
```

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

```
.background{ background-color:#9CE4E3 }
```

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