

Converting Colors

Hex(9CE9E9)

Have a look what the booklet for
Hex(9CE9E9) contains.

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Color

Hex(9CE9E9)

Conversions

Conversions Part 1

Format	Color
Hex	9CE9E9
RGB	156, 233, 233
RGB Percent	61%, 91%, 91%
CMY	0.3882, 0.0863, 0.0863
CMYK	0.33, 0.00, 0.00, 0.09
HSL	180°, 64%, 76%
HSV	180°, 33%, 91%
XYZ	57.5572, 71.2289, 87.8058
YIQ	209.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

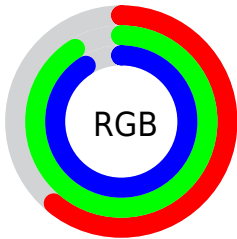
Format	Color
R _Y B	156, 195, 233
Decimal	10283497
CIE Lab	87.60, -23.52, -7.55
CIE LCh	88, 24.699, 197.787
Yxy	71.2289, 0.2657, 0.3289
Android (android.graphics.Color)	4288473577 (0xFF9CE9E9)
YUV	209.9770, 11.3503, -47.3378
Hunter-Lab	84.3972, -25.9618, -2.6065

Details

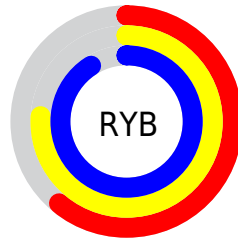
The Hex color **9CE9E9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E99C9C**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D5FFFF**, and **65B1B1** is the 20% darker color. If you saturate the color by 10%, you get **85E9E9**, and if you desaturate by 10%, it is **B3E9E9**.

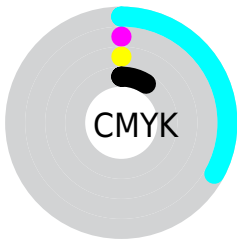
Distribution



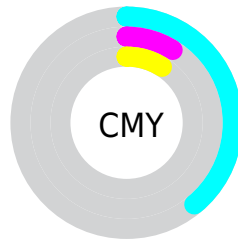
- Red (61%)
- Green (91%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9CE9E9 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 9CE9E9 by changing the saturation by 10% instead.

 9CE9E9

 9CE9E9

FFFFFF

 80CDCD

 D5FFFF

 65B1B1

 F2FFFF

 499697

 2C7C7D

 026364

 004B4C

 003435

 002020

 000008

 9CE9E9

 9CE9E9

 85E9E9

 B3E9E9

 6DE9E9

 CBE9E9

 56E9E9

 E2E9E9

 3FE9E9

 F9E9E9

 27E9E9

 FFE9E9

 10E9E9

 00E9E9

Harmonies

Analogous

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



ABE8D1



9CE9E9



9FE6FE

Triad

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



9CE9E9



F0D1FB



F7D7AE

Complementary

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



9CE9E9



E99C9C

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.



FFD0BA



9CE9E9



FFCCE6

Square

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



9CE9E9



D3D9FF



FFCBCE



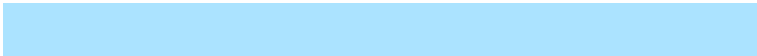
DFDEAF

Rectangle

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



9CE9E9



ABE3FF



FFCBCE



FDD4B1

Sweetspot

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



9CE9E9



E6FFFF



9CE99C



708080



000000



808080

Same Dimension

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



9CE9E9



99FFFF



9CC3E9



6A7575



00B5B5



003636

Inverse Universe

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



E99CE9



FF99FF



E9C39C



756A75



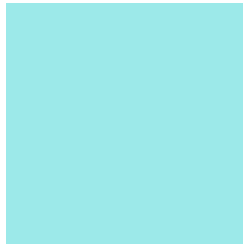
B500B5



360036

Previews

White Background



This preview shows how the Hex color 9CE9E9 looks on a white background.

Color Contrast Check

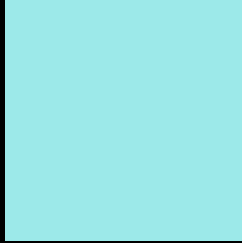
Large Text (above 18pt) WCAG AA × Fail

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 9CE9E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

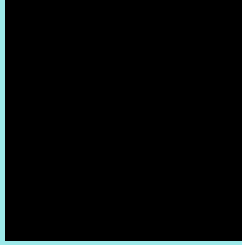
Any Text WCAG AA ✓ Pass

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 9CE9E9 Background



This preview shows how black text looks on a background with the Hex color 9CE9E9.

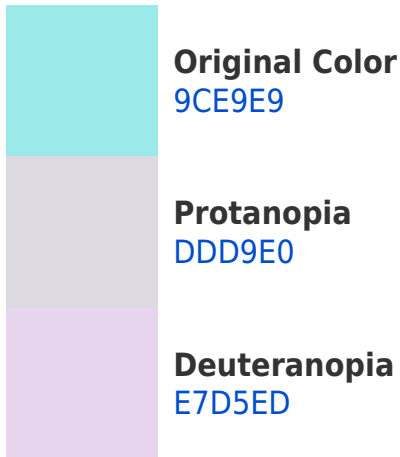


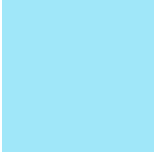
This preview shows how white text looks on a background with the Hex color 9CE9E9.

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



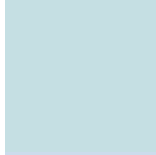


Tritanopia
A0E7F9

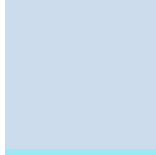
Trichromacy



Original Color
9CE9E9



Protanomaly
C5DFE3



Deuteranomaly
CCDCEC

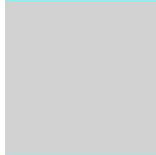


Tritanomaly
9FE8F3

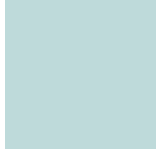
Monochromacy



Original Color
9CE9E9



Achromatopsia
D2D2D2



Achromatomaly
BEDADA

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CE9E9 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 #9CE9E9 looks like.

```
.text, #text, p{  
    color:#9CE9E9  
}
```

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 #9CE9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE9E9
}
```

Border

The CSS property to change the border of an element to Hex 9CE9E9 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
#9CE9E9 }
```

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

```
.border{ border-color:#9CE9E9 }
```

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

Here you see how a box with a 4 pixel #9CE9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE9E9; -webkit-box-shadow:4px 4px  
4px 4px #9CE9E9; box-shadow:4px 4px 4px  
4px #9CE9E9 }
```

Background

The CSS property to change the background color of an element to Hex 9CE9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE9E9 }
```

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

```
.background{ background-color:#9CE9E9 }
```

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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