

Converting Colors

Hex(98E9CC)

Have a look what the booklet for
Hex(98E9CC) contains.

Hex(98E9CC)	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(98E9CC)

Conversions

Conversions Part 1

Format	Color
Hex	98E9CC
RGB	152, 233, 204
RGB Percent	60%, 91%, 80%
CMY	0.4039, 0.0863, 0.2000
CMYK	0.35, 0.00, 0.12, 0.09
HSL	159°, 65%, 75%
HSV	159°, 35%, 91%
XYZ	52.9869, 69.3129, 67.7128
YIQ	205.4750, -38.9670, -26.1910

Conversions

Conversions Part 2

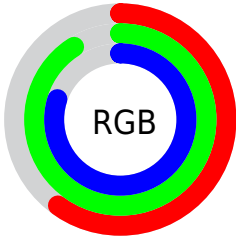
Format	Color
RYB	152, 201, 233
Decimal	10021324
CIELab	86.66, -30.98, 6.28
CIELCh	87, 31.616, 168.534
Yxy	69.3129, 0.2789, 0.3648
Android (android.graphics.Color)	4288211404 (0xFF98E9CC)
YUV	205.4750, -0.7272, -46.8976
Hunter-Lab	83.2543, -32.0895, 10.0561

Details

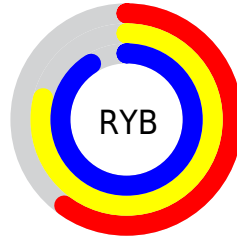
The Hex color **98E9CC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E998B5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D1FFFF**, and **61B196** is the 20% darker color. If you saturate the color by 10%, you get **81E9C4**, and if you desaturate by 10%, it is **AFE9D4**.

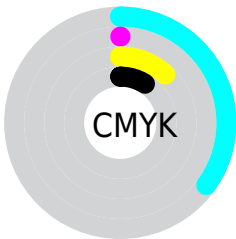
Distribution



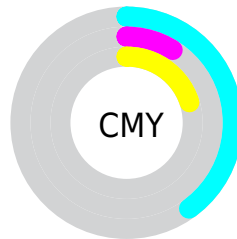
- Red (60%)
- Green (91%)
- Blue (80%)



- Red (60%)
- Yellow (79%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98E9CC 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 98E9CC by changing the saturation by 10% instead.

 98E9CC

 98E9CC

FFFFFF

 7CCDB1

 D1FFFF

 61B196

 EEEFFF

 46967C


 2A7C63

 02624B

 004A35

 00331F

 001F08

 000000

 98E9CC

 98E9CC

 81E9C4

 AFE9D4

 69E9BB

 C7E9DD

 52E9B3

 DEE9E5

 3BE9AB

 F5E9ED

 24E9A2

 FFE9F6

 0CE99A

 FFE9FE

 00E996

 FFE9FF

Harmonies

Analogous

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



B9E5B0



98E9CC



81EAEB

Triad

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



98E9CC



CED5FF



FFC9AD

Complementary

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



98E9CC



E998B5

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.



F4C4C7



98E9CC



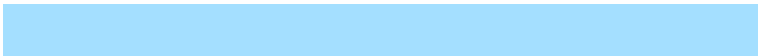
F4CBFF

Square

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



98E9CC



A4DFFF



FFC4E6



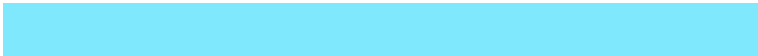
F9D39F

Rectangle

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



98E9CC



80E8FD



FFC4E6



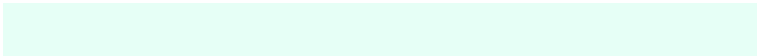
FFC7B5

Sweetspot

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



98E9CC



E6FFF6



B6E998



70807A



000000



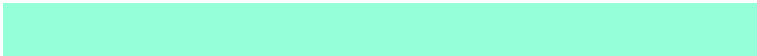
808080

Same Dimension

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



98E9CC



94FFD9



98DEE9



6A7571



00B574



003622

Inverse Universe

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



E998B5



FF94BA



E9A398



756A6E



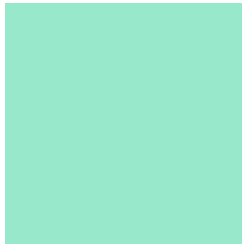
B50041



360013

Previews

White Background



This preview shows how the Hex color 98E9CC looks on a white background.

Color Contrast Check

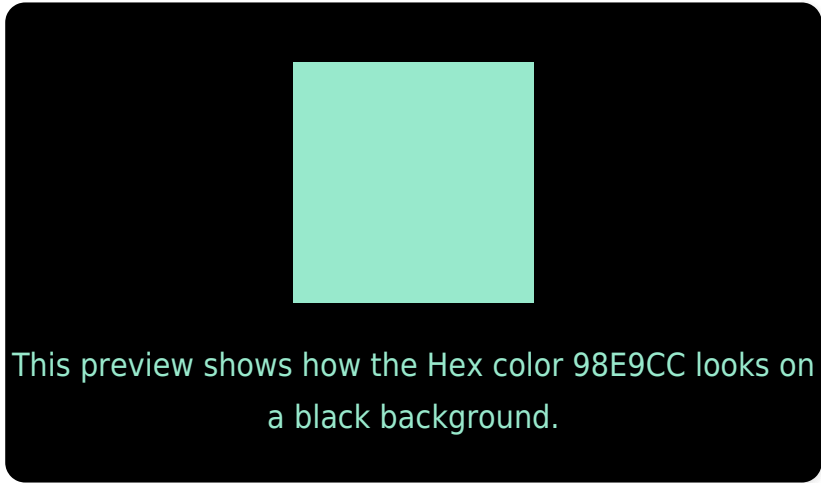
Large Text (above 18pt) WCAG AA × Fail

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

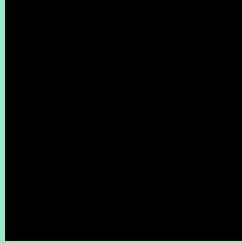
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

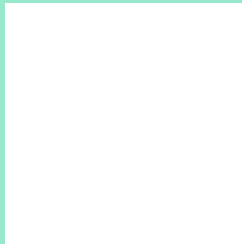
Any Text WCAG AAA ✓ Pass

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

Hex 98E9CC Background



This preview shows how black text looks on a background with the Hex color 98E9CC.

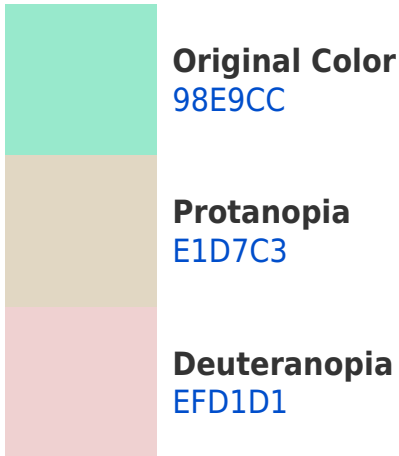


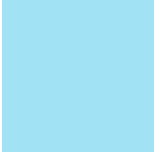
This preview shows how white text looks on a background with the Hex color 98E9CC.

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



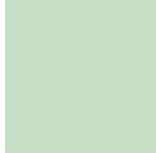


Tritanopia
A1E3F5

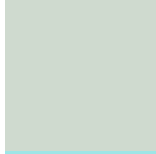
Trichromacy



Original Color
98E9CC



Protanomaly
C6DEC6



Deuteranomaly
CFDACF

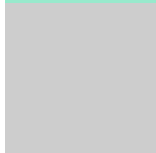


Tritanomaly
9EE5E6

Monochromacy



Original Color
98E9CC



Achromatopsia
CDCDCD



Achromatomaly
BAD7CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 98E9CC 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 #98E9CC looks like.

```
.text, #text, p{  
    color:#98E9CC  
}
```

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 #98E9CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E9CC  
}
```

Border

The CSS property to change the border of an element to Hex 98E9CC 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  
#98E9CC }
```

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

```
.border{ border-color:#98E9CC }
```

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

Here you see how a box with a 4 pixel #98E9CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E9CC; -webkit-box-shadow:4px 4px  
4px 4px #98E9CC; box-shadow:4px 4px 4px  
4px #98E9CC }
```

Background

The CSS property to change the background color of an element to Hex 98E9CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E9CC }
```

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

```
.background{ background-color:#98E9CC }
```

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