

Converting Colors

Hex(89E7CA)

Have a look what the booklet for
Hex(89E7CA) contains.

Hex(89E7CA)	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(89E7CA)

Conversions

Conversions Part 1

Format	Color
Hex	89E7CA
RGB	137, 231, 202
RGB Percent	54%, 91%, 79%
CMY	0.4627, 0.0941, 0.2078
CMYK	0.41, 0.00, 0.13, 0.09
HSL	161°, 66%, 72%
HSV	161°, 41%, 91%
XYZ	49.5531, 66.7345, 66.1464
YIQ	199.5880, -46.7150, -28.9470

Conversions

Conversions Part 2

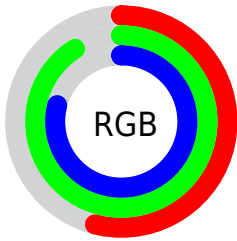
Format	Color
RYB	137, 193, 231
Decimal	9037770
CIELab	85.37, -34.52, 5.39
CIELCh	85, 34.935, 171.127
Yxy	66.7345, 0.2716, 0.3658
Android (android.graphics.Color)	4287227850 (0xFF89E7CA)
YUV	199.5880, 1.1891, -54.8897
Hunter-Lab	81.6912, -34.6831, 9.1759

Details

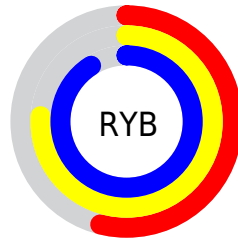
The Hex color **89E7CA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E789A6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C2FFFF**, and **51AF94** is the 20% darker color. If you saturate the color by 10%, you get **72E7C3**, and if you desaturate by 10%, it is **A0E7D1**.

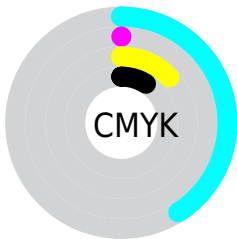
Distribution



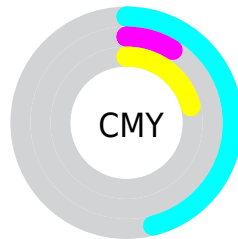
- Red (54%)
- Green (91%)
- Blue (79%)



- Red (54%)
- Yellow (76%)
- Blue (91%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (46%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E7CA 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 89E7CA by changing the saturation by 10% instead.

 89E7CA

 89E7CA

FFFFFF

 6DCBAF

 C2FFFF

 51AF94

 DFFFFF

 33947A

FDFFFF

 0B7A61

 00604A

 004833

 00311E

 001B05

 000000

 89E7CA

 89E7CA

 72E7C3

 A0E7D1

 5BE7BC

 B7E7D8

 44E7B5

 CEE7DF

 2DE7AD

 E5E7E7

 16E7A6

 FDE7EE

 00E7A0

 FFE7F5

 FFE7FC

 FFE7FF

Harmonies

Analogous

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



AFE3AB



89E7CA



6EE7EC

Triad

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



89E7CA



CDD0FF



FFC5A3

Complementary

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



89E7CA



E789A6

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.



FFBEBF



89E7CA



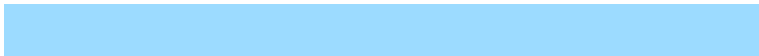
F6C5FF

Square

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



89E7CA



9CDBFF



FFBEE1



F6D094

Rectangle

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



89E7CA



6EE5FF



FFBEE1



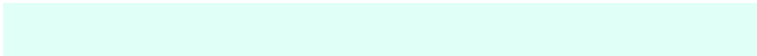
FFC2AB

Sweetspot

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



89E7CA



E0FFF6



A7E789



6E807A



000000



808080

Same Dimension

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



89E7CA



82FFD8



89D6E7



67736F



00B37B



003323

Inverse Universe

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



E789A6



FF82A9



E79A89



73676B



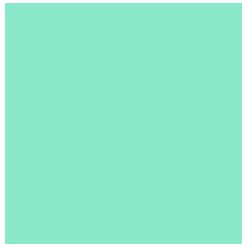
B30037



330010

Previews

White Background



This preview shows how the Hex color 89E7CA looks on a white background.

Color Contrast Check

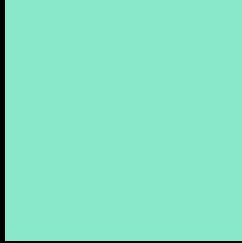
Large Text (above 18pt) WCAG AA × Fail

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 89E7CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

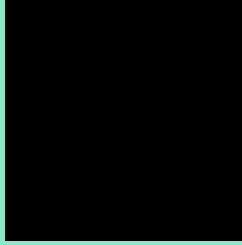
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

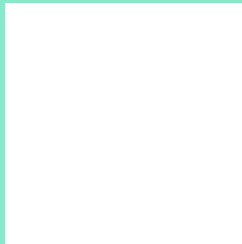
Any Text WCAG AAA ✓ Pass

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

Hex 89E7CA Background



This preview shows how black text looks on a background with the Hex color 89E7CA.

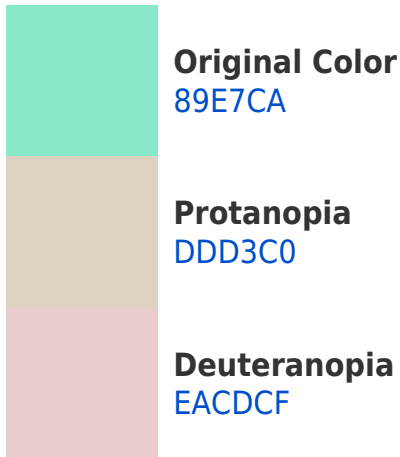


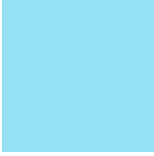
This preview shows how white text looks on a background with the Hex color 89E7CA.

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



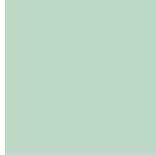


Tritanopia
93E1F3

Trichromacy



Original Color
89E7CA



Protanomaly
BEDAC4



Deuteranomaly
C7D6CD

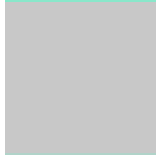


Tritanomaly
8FE3E4

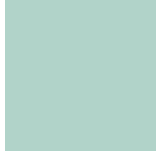
Monochromacy



Original Color
89E7CA



Achromatopsia
C8C8C8



Achromatomaly
B1D3C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 89E7CA 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 #89E7CA looks like.

```
.text, #text, p{  
    color:#89E7CA  
}
```

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 #89E7CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E7CA
}
```

Border

The CSS property to change the border of an element to Hex 89E7CA 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
#89E7CA }
```

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

```
.border{ border-color:#89E7CA }
```

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

Here you see how a box with a 4 pixel #89E7CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E7CA; -webkit-box-shadow:4px 4px  
4px 4px #89E7CA; box-shadow:4px 4px 4px  
4px #89E7CA }
```

Background

The CSS property to change the background color of an element to Hex 89E7CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E7CA }
```

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

```
.background{ background-color:#89E7CA }
```

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