

Converting Colors

Hex(97E0CF)

Have a look what the booklet for
Hex(97E0CF) contains.

Hex(97E0CF)	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(97E0CF)

Conversions

Conversions Part 1

Format	Color
Hex	97E0CF
RGB	151, 224, 207
RGB Percent	59%, 88%, 81%
CMY	0.4078, 0.1216, 0.1882
CMYK	0.33, 0.00, 0.08, 0.12
HSL	166°, 54%, 74%
HSV	166°, 33%, 88%
XYZ	50.6806, 64.3956, 68.7899
YIQ	200.2350, -38.0510, -20.7630

Conversions

Conversions Part 2

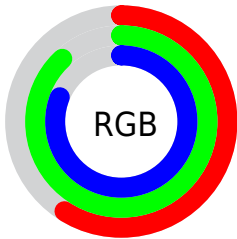
Format	Color
RYB	151, 192, 224
Decimal	9953487
CIELab	84.17, -26.32, 1.10
CIElCh	84, 26.345, 177.617
Yxy	64.3956, 0.2756, 0.3502
Android (android.graphics.Color)	4288143567 (0xFF97E0CF)
YUV	200.2350, 3.3351, -43.1791
Hunter-Lab	80.2469, -27.6988, 5.3477

Details

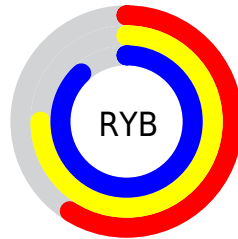
The Hex color **97E0CF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E097A8**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **CFFFFFF**, and **61A899** is the 20% darker color. If you saturate the color by 10%, you get **81E0CA**, and if you desaturate by 10%, it is **ADE0D4**.

Distribution



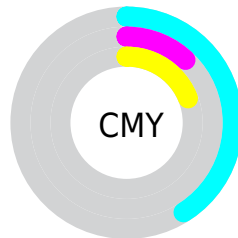
- Red (59%)
- Green (88%)
- Blue (81%)



- Red (59%)
- Yellow (75%)
- Blue (88%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (41%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97E0CF 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 97E0CF by changing the saturation by 10% instead.

 97E0CF

 97E0CF

FFFFFF

 7CC4B3

 CFFFFFF

 61A899

 ECFFFF

 468E7F

 2B7466

 075B4E

 004337

 002C22

 00170C

 000000

 97E0CF

 97E0CF

 81E0CA

 ADE0D4

 6AE0C5

 C4E0D9

 54E0BF


 DAE0DF

 3DE0BA

 F1E0E4

 27E0B5

 FFE0E9

 11E0B0

 FFE0EE

 00E0AC

 FFE0F4

 FFE0F9

 FFE0FE

Harmonies

Analogous

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



B0DDB7



97E0CF



8BE0E8

Triad

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



97E0CF



D4CCFE



FBC7A9

Complementary

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



97E0CF



E097A8

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.



FFC2BC



97E0CF



F0C5ED

Square

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



97E0CF



B2D5FF



FFC0D5



E7D0A1

Rectangle

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



97E0CF



90DDF6



FFC0D5



FFC5AE

Sweetspot

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



97E0CF



E6FFF9



A8E097



70807C



000000



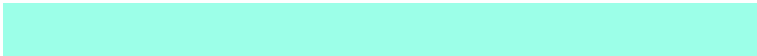
808080

Same Dimension

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



97E0CF



9CFFE8



97CDE0



65706E



00B087



003025

Inverse Universe

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



E097A8



FF9CB3



E0AA97



706568



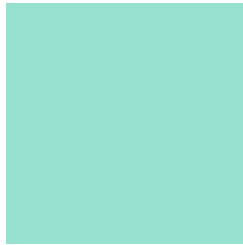
B00029



30000B

Previews

White Background



This preview shows how the Hex color 97E0CF looks on a white background.

Color Contrast Check

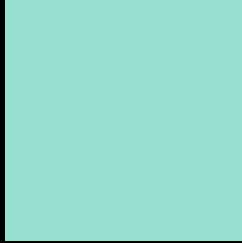
Large Text (above 18pt) WCAG AA × Fail

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 97E0CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

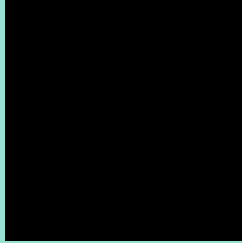
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

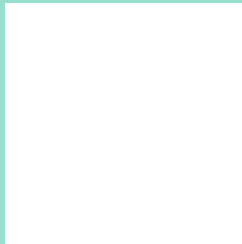
Any Text WCAG AAA ✓ Pass

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

Hex 97E0CF Background



This preview shows how black text looks on a background with the Hex color 97E0CF.



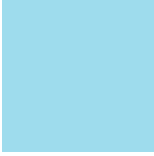
This preview shows how white text looks on a background with the Hex color 97E0CF.

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
9EDCED

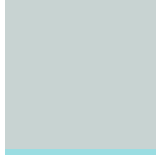
Trichromacy



Original Color
97E0CF



Protanomaly
C0D6C9



Deuteranomaly
C8D3D2



Tritanomaly
9BDDE2

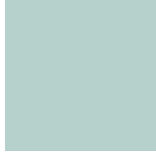
Monochromacy



Original Color
97E0CF



Achromatopsia
C8C8C8



Achromatomaly
B6D1CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 97E0CF 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 #97E0CF looks like.

```
.text, #text, p{  
    color:#97E0CF  
}
```

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 #97E0CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97E0CF }  
}
```

Border

The CSS property to change the border of an element to Hex 97E0CF 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 #97E0CF }  
}
```

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

```
.border{ border-color:#97E0CF }
```

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

Here you see how a box with a 4 pixel #97E0CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97E0CF; -webkit-box-shadow:4px 4px  
4px 4px #97E0CF; box-shadow:4px 4px 4px  
4px #97E0CF }
```

Background

The CSS property to change the background color of an element to Hex 97E0CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97E0CF }
```

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

```
.background{ background-color:#97E0CF }
```

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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