

# Converting Colors

Hex(97D7EB)

Have a look what the booklet for  
Hex(97D7EB) contains.

<b>Hex(97D7EB)</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(97D7EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97D7EB
RGB	151, 215, 235
RGB Percent	59%, 84%, 92%
CMY	0.4078, 0.1569, 0.0784
CMYK	0.36, 0.09, 0.00, 0.08
HSL	194°, 68%, 76%
HSV	194°, 36%, 92%
XYZ	52.0583, 61.1783, 87.6621
YIQ	198.1440, -44.5640, -7.3480

# Conversions

## Conversions Part 2

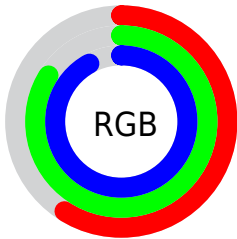
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 187, 235</a>
Decimal	<a href="#">9951211</a>
CIELab	<a href="#">82.47, -15.37, -16.27</a>
CIELCh	<a href="#">82, 22.383, 226.641</a>
Yxy	<a href="#">61.1783, 0.2591, 0.3045</a>
Android (android.graphics.Color)	<a href="#">4288141291 (0xFF97D7EB)</a>
YUV	<a href="#">198.1440, 18.1700, -41.3453</a>
Hunter-Lab	<a href="#">78.2166, -18.0754, -11.6983</a>

# Details

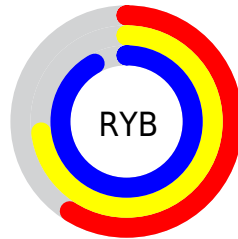
The Hex color **97D7EB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBAB97**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D0FFFF**, and **60A0B3** is the 20% darker color. If you saturate the color by 10%, you get **80D1EB**, and if you desaturate by 10%, it is **AFDDEB**.

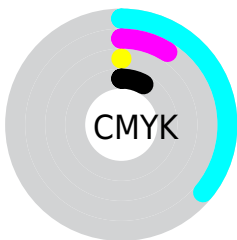
# Distribution



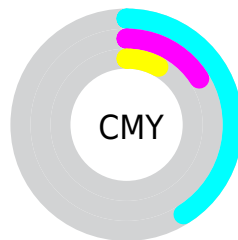
- Red (59%)
- Green (84%)
- Blue (92%)



- Red (59%)
- Yellow (73%)
- Blue (92%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (41%)
- Magenta (16%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97D7EB 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 97D7EB by changing the saturation by 10% instead.



 97D7EB

 97D7EB

FFFFFF

 7BBBCF

 D0FFFF

 60A0B3

 EDFFFF

 458698

 286D7F

 005465

 003D4D

 002737

 001121

 000008

■ 97D7EB

■ 97D7EB

■ 80D1EB

■ AFDDEB

■ 68CCEB

■ C6E2EB

■ 51C6EB

■ DEE8EB

■ 39C1EB

■ F5EDEB

■ 21BBEB

■ FFF3EB

■ 0AB5EB

■ FFF9EB

■ 00B3EB

■ FFFEEB

■ FFFFEB

# Harmonies

## Analogous

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



95D9D8



97D7EB



A9D2F6

# Triad

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



97D7EB



F2BFD8



D1D0A5

# Complementary

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



97D7EB



EBAB97

# 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.



E6C9A5



97D7EB



F9BFC2

# Square

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



97D7EB



DFC4EA



F5C2B0



B9D5B0

# Rectangle

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



97D7EB



BBCDF7



F5C2B0



D9CDA4



# Sweetspot

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



97D7EB



E3F8FF



97EBAB



6F7C80



000000



808080

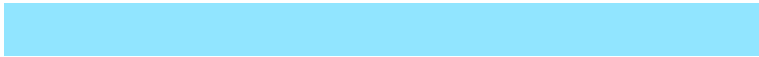


# Same Dimension

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



97D7EB



91E5FF



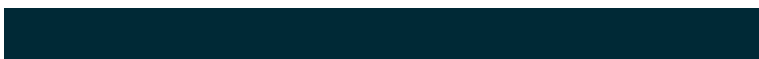
97ADEB



6A7375



008AB5



002936



# Inverse Universe

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



EB97D7



FF91E5



EBD597



756A73



B5008A

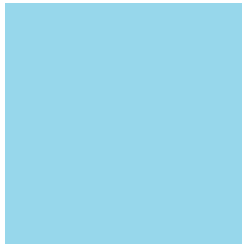


360029



# Previews

## White Background



This preview shows how the Hex color 97D7EB looks on a white background.

## Color Contrast Check

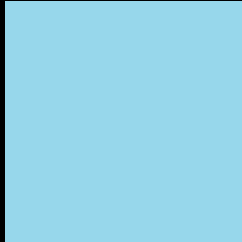
Large Text (above 18pt) WCAG AA × Fail

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 97D7EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

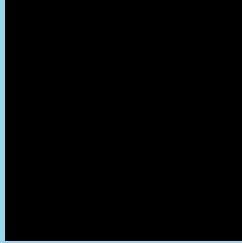
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97D7EB Background



This preview shows how black text looks on a background with the Hex color 97D7EB.



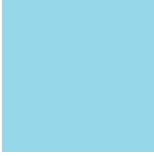
This preview shows how white text looks on a background with the Hex color 97D7EB.

# 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](#).

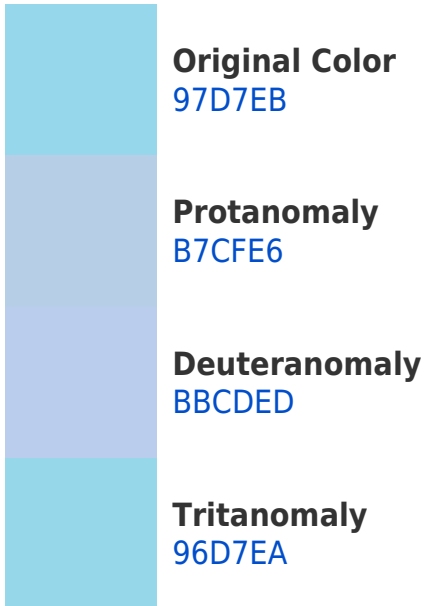
## Dichromacy



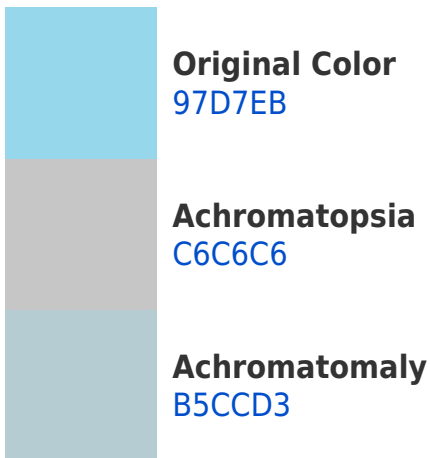


**Tritanopia**  
96D7E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97D7EB 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 #97D7EB looks like.

```
.text, #text, p{  
    color:#97D7EB  
}
```

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 #97D7EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D7EB
}
```

## Border

The CSS property to change the border of an element to Hex 97D7EB 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
#97D7EB }
```

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

```
.border{ border-color:#97D7EB }
```

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

Here you see how a box with a 4 pixel #97D7EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D7EB; -webkit-box-shadow:4px 4px  
4px 4px #97D7EB; box-shadow:4px 4px 4px  
4px #97D7EB }
```

# Background

The CSS property to change the background color of an element to Hex 97D7EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D7EB }
```

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

```
.background{ background-color:#97D7EB }
```

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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