

# Converting Colors

Hex(97E5D5)

Have a look what the booklet for  
Hex(97E5D5) contains.

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**Color**

**Hex(97E5D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97E5D5
RGB	151, 229, 213
RGB Percent	59%, 90%, 84%
CMY	0.4078, 0.1020, 0.1647
CMYK	0.34, 0.00, 0.07, 0.10
HSL	168°, 60%, 75%
HSV	168°, 34%, 90%
XYZ	52.7921, 67.4220, 73.1821
YIQ	203.8540, -41.3520, -21.5120

# Conversions

## Conversions Part 2

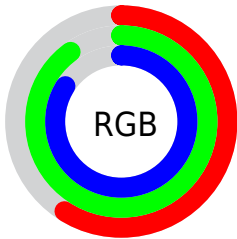
Format	Color
<a href="#">RYB</a>	<a href="#">151, 194, 229</a>
Decimal	<a href="#">9954773</a>
CIELab	<a href="#">85.72, -27.43, 0.18</a>
CIELCh	<a href="#">86, 27.430, 179.619</a>
Yxy	<a href="#">67.4220, 0.2730, 0.3486</a>
Android (android.graphics.Color)	<a href="#">4288144853</a> ( <a href="#">0xFF97E5D5</a> )
YUV	<a href="#">203.8540, 4.5090, -46.3530</a>
Hunter-Lab	<a href="#">82.1109, -28.9301, 4.6349</a>

# Details

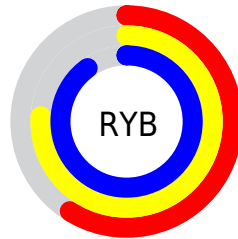
The Hex color **97E5D5** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E597A7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D0FFFF**, and **60AD9E** is the 20% darker color. If you saturate the color by 10%, you get **80E5D0**, and if you desaturate by 10%, it is **AEE5DA**.

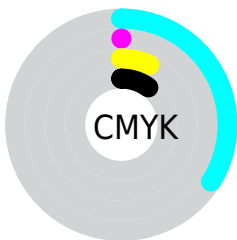
# Distribution



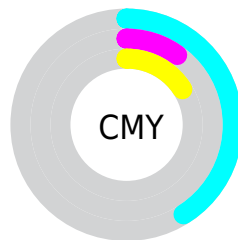
- Red (59%)
- Green (90%)
- Blue (84%)



- Red (59%)
- Yellow (76%)
- Blue (90%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (41%)
- Magenta (10%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97E5D5 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 97E5D5 by changing the saturation by 10% instead.



 97E5D5

FFFFFF

 D0FFFF

 EDFFFF

 97E5D5

 7BC9B9

 60AD9E

 459284

 29786B

 005F53

 00473C

 003026

 001D12

 000000

 97E5D5

 97E5D5

 80E5D0

 AEE5DA

 69E5CC

 C5E5DE

 52E5C7

 DCE5E3

 3BE5C2

 F3E5E8

 25E5BE

 FFE5EC

 0EE5B9

 FFE5F1

 00E5B6

 FFE5F6

 FFE5FB

 FFE5FF

# Harmonies

## Analogous

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



B0E2BB



97E5D5



8CE4EF

# Triad

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



97E5D5



DAD0FF



FFCAA

# Complementary

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



97E5D5



E597A7

# 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.



FFC5BE



97E5D5



F8C8F1

# Square

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



97E5D5



B7D9FF



FFC4D8



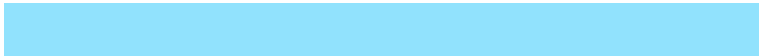
EAD4A3

# Rectangle

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



97E5D5



91E2FD



FFC4D8



FFC9B0



# Sweetspot

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



97E5D5



E6FFFA



A8E597



70807C



000000



808080

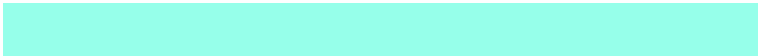


# Same Dimension

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



97E5D5



96FFEA



97CFE5



677370



00B38E



003329



# Inverse Universe

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



E597A7



FF96AC



E5AD97



73676A



B30025

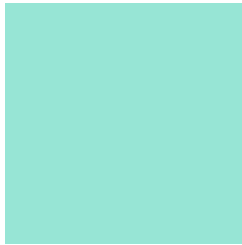


33000A



# Previews

## White Background



This preview shows how the Hex color 97E5D5 looks on a white background.

## Color Contrast Check

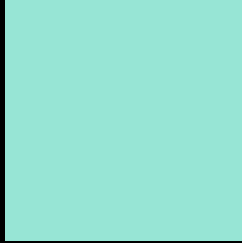
Large Text (above 18pt) WCAG AA × Fail

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 97E5D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

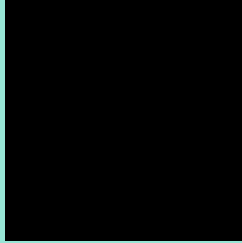
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

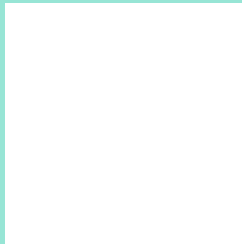
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97E5D5 Background



This preview shows how black text looks on a background with the Hex color 97E5D5.

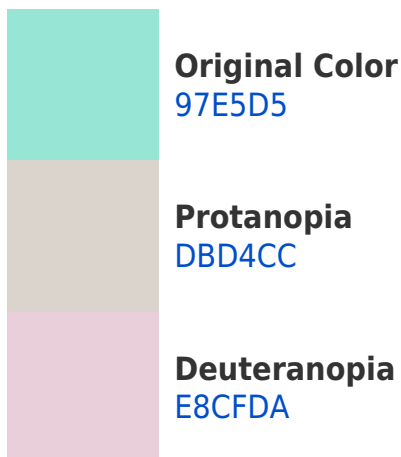


This preview shows how white text looks on a background with the Hex color 97E5D5.

# 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**  
9EE1F3

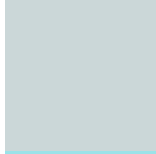
# Trichromacy



**Original Color**  
97E5D5



**Protanomaly**  
C2DACF



**Deuteranomaly**  
CBD7D8

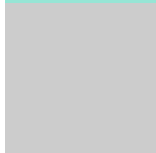


**Tritanomaly**  
9BE2E8

# Monochromacy



**Original Color**  
97E5D5



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
B9D5CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97E5D5 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 #97E5D5 looks like.

```
.text, #text, p{  
    color:#97E5D5  
}
```

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 #97E5D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97E5D5
}
```

## Border

The CSS property to change the border of an element to Hex 97E5D5 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
#97E5D5 }
```

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

```
.border{ border-color:#97E5D5 }
```

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

Here you see how a box with a 4 pixel #97E5D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97E5D5; -webkit-box-shadow:4px 4px  
4px 4px #97E5D5; box-shadow:4px 4px 4px  
4px #97E5D5 }
```

# Background

The CSS property to change the background color of an element to Hex 97E5D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97E5D5 }
```

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

```
.background{ background-color:#97E5D5 }
```

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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