

# Converting Colors

Hex(97E0B9)

Have a look what the booklet for  
Hex(97E0B9) contains.

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# **Color**

**Hex(97E0B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97E0B9
RGB	151, 224, 185
RGB Percent	59%, 88%, 73%
CMY	0.4078, 0.1216, 0.2745
CMYK	0.33, 0.00, 0.17, 0.12
HSL	148°, 54%, 74%
HSV	148°, 33%, 88%
XYZ	48.1751, 63.3934, 55.5960
YIQ	197.7270, -30.9890, -27.6050

# Conversions

## Conversions Part 2

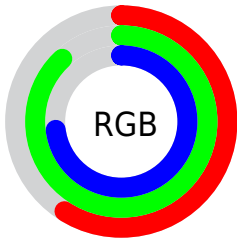
Format	Color
<b>RYB</b>	151, 201, 224
Decimal	9953465
CIELab	83.65, -30.87, 11.95
CIELCh	84, 33.100, 158.829
Yxy	63.3934, 0.2882, 0.3792
Android (android.graphics.Color)	4288143545 (0xFF97E0B9)
YUV	197.7270, -6.2744, -40.9796
Hunter-Lab	79.6200, -31.3312, 14.3337

# Details

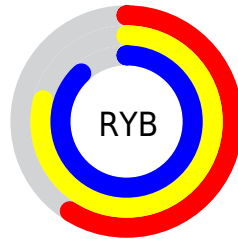
The Hex color **97E0B9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E097BE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **CFFF1**, and **61A884** is the 20% darker color. If you saturate the color by 10%, you get **81E0AD**, and if you desaturate by 10%, it is **ADE0C5**.

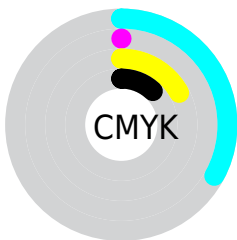
# Distribution



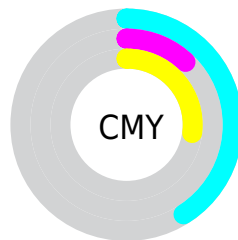
- Red (59%)
- Green (88%)
- Blue (73%)



- Red (59%)
- Yellow (79%)
- Blue (88%)



- Cyan (33%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (41%)
- Magenta (12%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97E0B9 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 97E0B9 by changing the saturation by 10% instead.



 97E0B9

 97E0B9

FFFFFF

 7CC49E

 CFFFF1

 61A884

 ECFFFF

 478E6B

 2C7452

 0C5B3B

 004325

 002C11

 001500

 000000

 97E0B9

 97E0B9

 81E0AD

 ADE0C5

 6AE0A1

 C4E0D1

 54E095


 DAE0DD

 3DE089

 F1E0E9

 27E07D

 FFE0F5

 11E071

 FFE0FF

 00E068

# Harmonies

## Analogous

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



BBDA9F



97E0B9



79E2D9

# Triad

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



97E0B9



B6D0FF



FFBEAB

# Complementary

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



97E0B9



E097BE

# 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.



FFB9C8



97E0B9



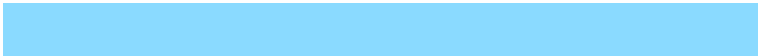
E1C5FF

# Square

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



97E0B9



8ADAFF



FFBCE8



FAC797

# Rectangle

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



97E0B9



6FE1ED



FFBCE8



FFBCB4

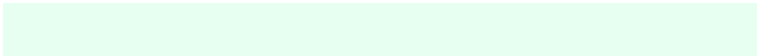


# Sweetspot

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



97E0B9



E6FFF1



BFE097



708077



000000



808080

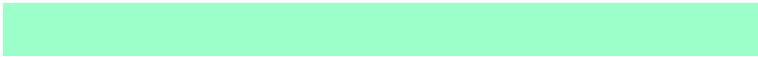


# Same Dimension

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



97E0B9



9CFFCA



97E0DC



65706A



00B052



003017



# Inverse Universe

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



E097BE



FF9CD1



E0979B



70656B



B0005E

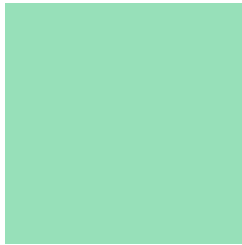


30001A



# Previews

## White Background



This preview shows how the Hex color 97E0B9 looks on a white background.

## Color Contrast Check

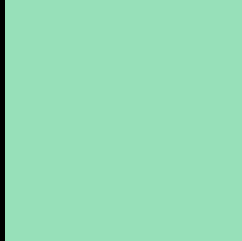
Large Text (above 18pt) WCAG AA × Fail

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 97E0B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

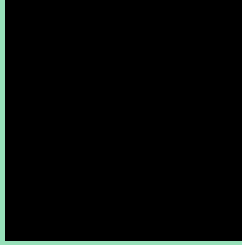
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97E0B9 Background



This preview shows how black text looks on a background with the Hex color 97E0B9.

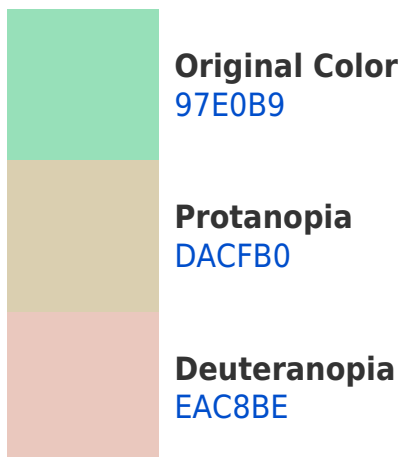


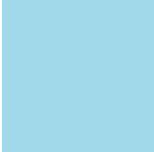
This preview shows how white text looks on a background with the Hex color 97E0B9.

# 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](#).

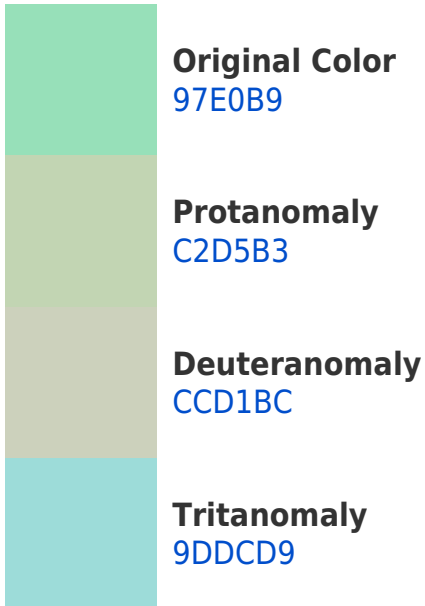
## Dichromacy



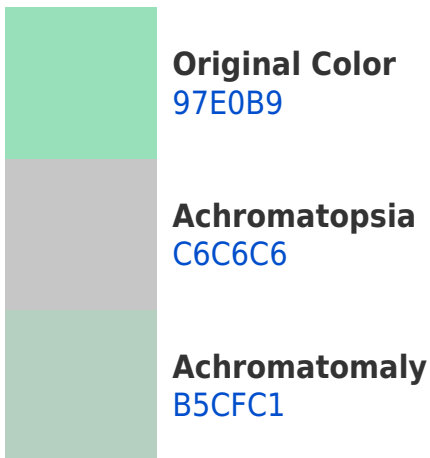


**Tritanopia**  
A1D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97E0B9 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 #97E0B9 looks like.

```
.text, #text, p{  
    color:#97E0B9  
}
```

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 #97E0B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97E0B9
}
```

## Border

The CSS property to change the border of an element to Hex 97E0B9 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
#97E0B9 }
```

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

```
.border{ border-color:#97E0B9 }
```

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

Here you see how a box with a 4 pixel #97E0B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97E0B9; -webkit-box-shadow:4px 4px  
4px 4px #97E0B9; box-shadow:4px 4px 4px  
4px #97E0B9 }
```

# Background

The CSS property to change the background color of an element to Hex 97E0B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97E0B9 }
```

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

```
.background{ background-color:#97E0B9 }
```

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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