

# Converting Colors

Hex(97CDD8)

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

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# **Color**

**Hex(97CDDDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97CDD8
RGB	151, 205, 219
RGB Percent	59%, 80%, 86%
CMY	0.4078, 0.1961, 0.1412
CMYK	0.31, 0.06, 0.00, 0.14
HSL	192°, 49%, 73%
HSV	192°, 31%, 86%
XYZ	47.3800, 55.3564, 75.2055
YIQ	190.4500, -36.6780, -7.0940

# Conversions

## Conversions Part 2

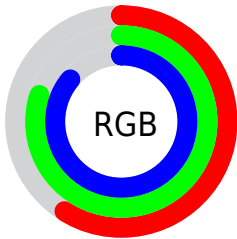
Format	Color
R <sub>Y</sub> B	151, 181, 219
Decimal	9948635
CIE Lab	79.25, -14.09, -12.57
CIE LCh	79, 18.887, 221.738
Yxy	55.3564, 0.2663, 0.3111
Android (android.graphics.Color)	4288138715 (0xFF97CDDDB)
YUV	190.4500, 14.0752, -34.5976
Hunter-Lab	74.4019, -16.5324, -7.8491

# Details

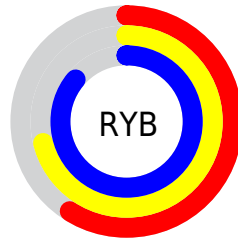
The Hex color **97CDD8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBA597**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **CFFFFFF**, and **6197A4** is the 20% darker color. If you saturate the color by 10%, you get **81C8DB**, and if you desaturate by 10%, it is **ADD2DB**.

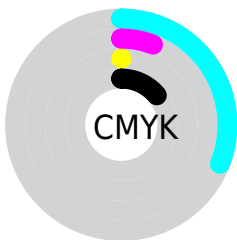
# Distribution



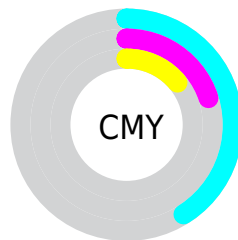
- Red (59%)
- Green (80%)
- Blue (86%)



- Red (59%)
- Yellow (71%)
- Blue (86%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (41%)
- Magenta (20%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



■ 97CDD8

■ 97CDD8

FFFFFF

■ 7CB1BF

■ CFFFFFF

■ 6197A4

■ ECFFFF

■ 477D8A

■ 2D6470

■ 0E4C58

■ 003541

■ 00202A

■ 000117

■ 000000

 97CDDB

 97CDDB

 81C8DB

 ADD2DB

 6BC4DB

 C3D6DB

 55BFDB

 D9DBDB

 3FBBDB

 EFDfdb

 2AB6DB

 FFE4DB

 14B2DB

 FFE8DB

 00AEDB

 FFEDDB

 FFF1DB

 FFF6DB

# Harmonies

## Analogous

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



98CFCB



97CDDB



A4C9E5

# Triad

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



97CDD8



E1B9D0



CBC5A2

# Complementary

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



97CDD8



DBA597

# 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.



DCBFA3



97CDDB



E9B8BE

# Square

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



97CDDB



D0BEDF



E7BAAE



B7CAAA

# Rectangle

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



97CDD8



B2C5E7



E7BAAE



D1C3A1



# Sweetspot

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



97CDDB



E8FAFF



97DBA5



717D80



000000



808080

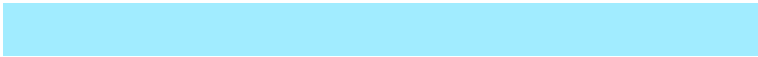


# Same Dimension

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



97CDDB



A1ECFF



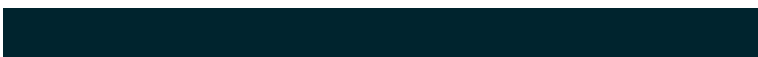
97ABDB



636B6E



008AAD



00242E



# Inverse Universe

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



DB97CD



FFA1EC



DBC797



6E636B



AD008A

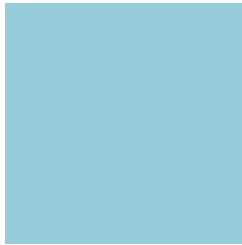


2E0024



# Previews

## White Background



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

## Color Contrast Check

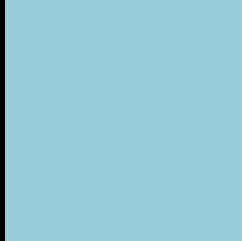
Large Text (above 18pt) WCAG AA × Fail

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 97CDD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

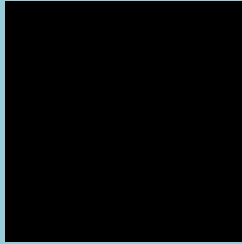
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

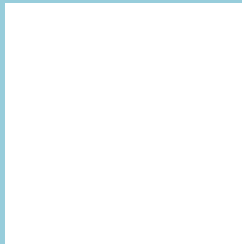
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97CDD8 Background



This preview shows how black text looks on a background with the Hex color 97CDD8.

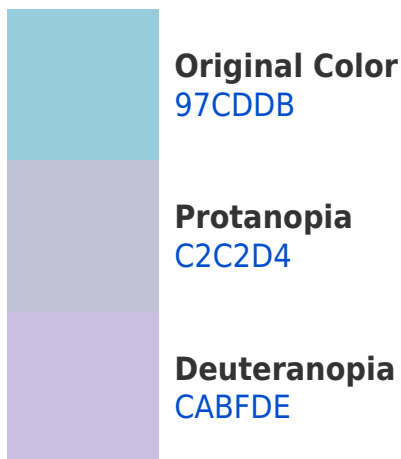


This preview shows how white text looks on a background with the Hex color 97CDD8.

# 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](#).

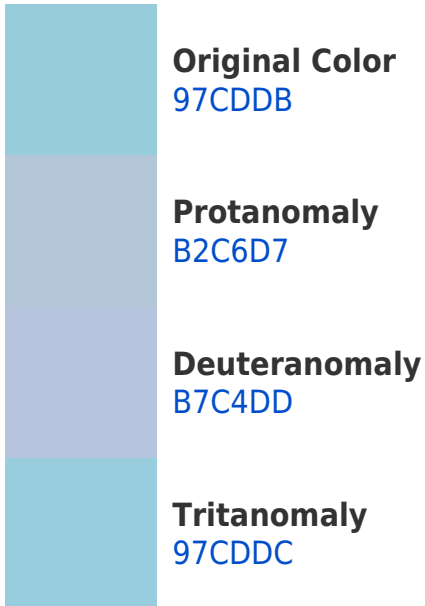
## Dichromacy





**Tritanopia**  
97CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #97CDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97CDD8
}
```

## Border

The CSS property to change the border of an element to Hex 97CDD8 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
#97CDD8 }
```

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

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

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

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

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

# Background

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

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

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

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

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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