

# Converting Colors

Hex(97C8BE)

Have a look what the booklet for  
Hex(97C8BE) contains.

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# **Color**

**Hex(97C8BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97C8BE
RGB	151, 200, 190
RGB Percent	59%, 78%, 75%
CMY	0.4078, 0.2157, 0.2549
CMYK	0.24, 0.00, 0.05, 0.22
HSL	168°, 31%, 69%
HSV	168°, 24%, 78%
XYZ	42.7110, 51.6056, 56.4250
YIQ	184.2090, -25.9940, -13.4980

# Conversions

## Conversions Part 2

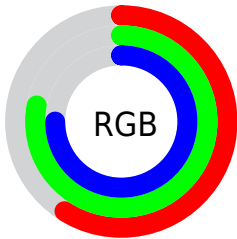
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 178, 200
Decimal	9947326
CIELab	77.04, -18.08, -0.22
CIELCh	77, 18.080, 180.709
Yxy	51.6056, 0.2833, 0.3423
Android (android.graphics.Color)	4288137406 (0xFF97C8BE)
YUV	184.2090, 2.8550, -29.1243
Hunter-Lab	71.8370, -19.5868, 3.7161

# Details

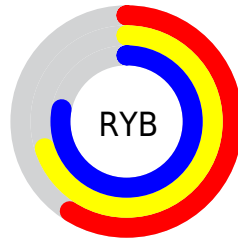
The Hex color **97C8BE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C897A1**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **CEFFF6**, and **639289** is the 20% darker color. If you saturate the color by 10%, you get **83C8BA**, and if you desaturate by 10%, it is **ABC8C2**.

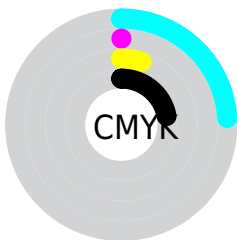
# Distribution



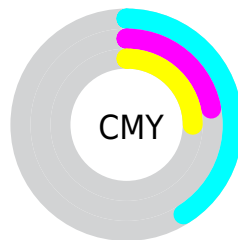
- Red (59%)
- Green (78%)
- Blue (75%)



- Red (59%)
- Yellow (70%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (41%)
- Magenta (22%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97C8BE 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 97C8BE by changing the saturation by 10% instead.



 97C8BE

 97C8BE

FFFFFF

 7CADA3

 CEFFF6

 639289

 EBFFFF

 4A786F

 315F57

 184740

 00312A

 001D15

 000000

 97C8BE

 97C8BE

 83C8BA

 ABC8C2

 6FC8B6

 BFC8C6

 5BC8B2

 D3C8CA

 47C8AE

 E7C8CE

 33C8AA

 FBC8D2

 1FC8A6

 FFC8D6

 0BC8A1

 FFC8DB

 00C89F

 FFC8DF

 FFC8E3

# Harmonies

## Analogous

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



A6C6AD



97C8BE



92C7CF

# Triad

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



97C8BE



C2BADB



DAB8A2

# Complementary

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



97C8BE



C897A1

# 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.



E1B4AE



97C8BE



D5B5CF

# Square

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



97C8BE



ACC0DF



E0B3BE



CBBD9D

# Rectangle

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



97C8BE



96C6D7



E0B3BE



DDB6A5



# Sweetspot

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



97C8BE



EDFFFB



A2C897



75807D



000000



808080

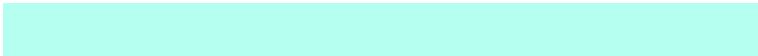


# Same Dimension

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



97C8BE



B5FFF0



97BAC8



5A6361



00A382



00241C



# Inverse Universe

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



C897A1



FFB5C4



C8A597



635A5C



A30021

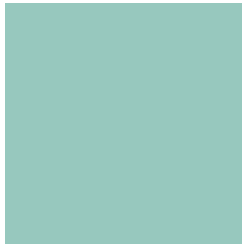


240007



# Previews

## White Background



This preview shows how the Hex color 97C8BE looks on a white background.

## Color Contrast Check

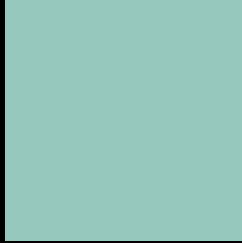
Large Text (above 18pt) WCAG AA × Fail

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 97C8BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

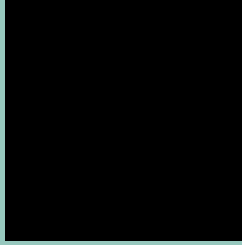
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

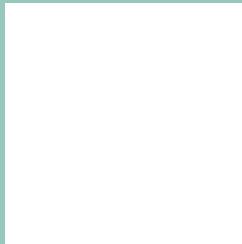
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97C8BE Background



This preview shows how black text looks on a background with the Hex color 97C8BE.



This preview shows how white text looks on a background with the Hex color 97C8BE.

# 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**  
9CC5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97C8BE 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 #97C8BE looks like.

```
.text, #text, p{  
    color:#97C8BE  
}
```

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 #97C8BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C8BE
}
```

## Border

The CSS property to change the border of an element to Hex 97C8BE 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
#97C8BE }
```

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

```
.border{ border-color:#97C8BE }
```

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

Here you see how a box with a 4 pixel #97C8BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C8BE; -webkit-box-shadow:4px 4px  
4px 4px #97C8BE; box-shadow:4px 4px 4px  
4px #97C8BE }
```

# Background

The CSS property to change the background color of an element to Hex 97C8BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C8BE }
```

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

```
.background{ background-color:#97C8BE }
```

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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