

Converting Colors

Hex(97C6BB)

Have a look what the booklet for
Hex(97C6BB) contains.

| | |
|--|----|
| Hex(97C6BB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(97C6BB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 97C6BB |
| RGB | 151, 198, 187 |
| RGB Percent | 59%, 78%, 73% |
| CMY | 0.4078, 0.2235, 0.2667 |
| CMYK | 0.24, 0.00, 0.06, 0.22 |
| HSL | 166°, 29%, 68% |
| HSV | 166°, 24%, 78% |
| XYZ | 41.9262, 50.5553, 54.5621 |
| YIQ | 182.6930, -24.4810, -13.3850 |

Conversions

Conversions Part 2

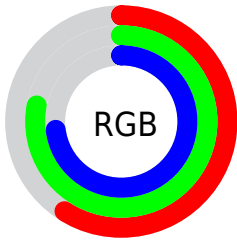
| Format | Color |
|-------------------------------------|--|
| RYB | 151, 178, 198 |
| Decimal | 9946811 |
| CIELab | 76.41, -17.70, 0.47 |
| CIElCh | 76, 17.705, 178.484 |
| Yxy | 50.5553, 0.2851, 0.3438 |
| Android (android.graphics.Color) | 4288136891 (0xFF97C6BB) |
| YUV | 182.6930, 2.1234, -27.7948 |
| Hunter-Lab | 71.1023, -19.1745, 4.2739 |

Details

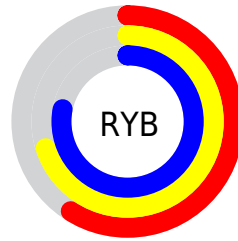
The Hex color **97C6BB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C697A2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CEFFF3**, and **639086** is the 20% darker color. If you saturate the color by 10%, you get **83C6B6**, and if you desaturate by 10%, it is **ABC6C0**.

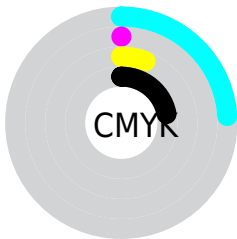
Distribution



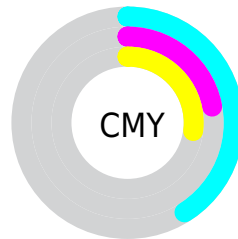
- Red (59%)
- Green (78%)
- Blue (73%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (41%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97C6BB 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 97C6BB by changing the saturation by 10% instead.

 97C6BB

 97C6BB

FFFFFF

 7DABA0

 CEFFF3

 639086

 EBFFFF

 4A766D

 325D54

 19463D

 002F28

 001B13

 000000

 97C6BB

 97C6BB

 83C6B6

 ABC6C0

 6FC6B2

 BFC6C4

 5CC6AD

 D2C6C9

 48C6A8

 E6C6CE

 34C6A4

 FAC6D2

 20C69F

 FFC6D7

 0CC69B

 FFC6DB

 00C698

 FFC6E0

 FFC6E5

Harmonies

Analogous

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



A6C4AB



97C6BB



91C6CB

Triad

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



97C6BB



BFB9D9



D8B6A1

Complementary

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



97C6BB



C697A2

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.



DFB2AE



97C6BB



D1B4CE

Square

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



97C6BB



A9BEDD



DDB1BE



CABB9C

Rectangle

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



97C6BB



94C4D4



DDB1BE



DBB4A5

Sweetspot

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



97C6BB



EDFFFB



A3C697



75807D



000000



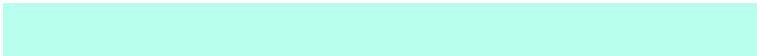
808080

Same Dimension

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



97C6BB



B8FFEE



97BAC6



5A6361



00A37D



00241B

Inverse Universe

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



C697A2



FFB8C8



C6A397



635A5C



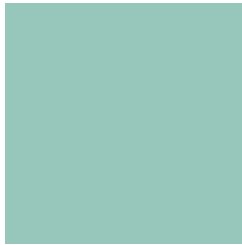
A30026



240008

Previews

White Background



This preview shows how the Hex color 97C6BB looks on a white background.

Color Contrast Check

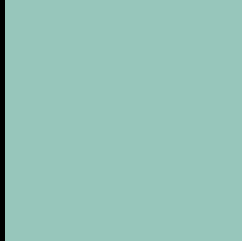
Large Text (above 18pt) WCAG AA × Fail

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 97C6BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

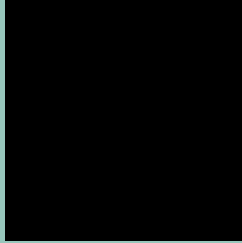
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

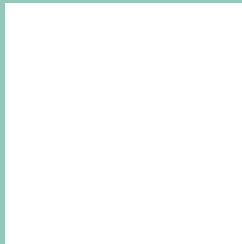
Any Text WCAG AAA ✓ Pass

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

Hex 97C6BB Background



This preview shows how black text looks on a background with the Hex color 97C6BB.



This preview shows how white text looks on a background with the Hex color 97C6BB.

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
9CC3D2

Trichromacy



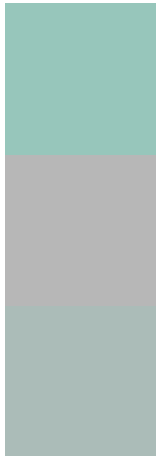
Original Color
97C6BB

Protanomaly
B2BFB7

Deuteranomaly
B9BCBD

Tritanomaly
9AC4CA

Monochromacy



Original Color
97C6BB

Achromatopsia
B7B7B7

Achromatomaly
ABBCB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 97C6BB 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 #97C6BB looks like.

```
.text, #text, p{  
    color:#97C6BB  
}
```

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 #97C6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C6BB  
}
```

Border

The CSS property to change the border of an element to Hex 97C6BB 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  
#97C6BB }
```

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

```
.border{ border-color:#97C6BB }
```

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

Here you see how a box with a 4 pixel #97C6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C6BB; -webkit-box-shadow:4px 4px  
4px 4px #97C6BB; box-shadow:4px 4px 4px  
4px #97C6BB }
```

Background

The CSS property to change the background color of an element to Hex 97C6BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C6BB }
```

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

```
.background{ background-color:#97C6BB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor