

# Converting Colors

Hex(99C2BB)

Have a look what the booklet for  
Hex(99C2BB) contains.

<b>Hex(99C2BB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(99C2BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99C2BB
RGB	153, 194, 187
RGB Percent	60%, 76%, 73%
CMY	0.4000, 0.2392, 0.2667
CMYK	0.21, 0.00, 0.04, 0.24
HSL	170°, 25%, 68%
HSV	170°, 21%, 76%
XYZ	41.3983, 48.9437, 54.2789
YIQ	180.9430, -22.1890, -10.8690

# Conversions

## Conversions Part 2

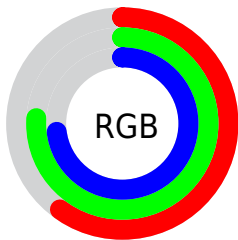
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 175, 194</a>
Decimal	<a href="#">10076859</a>
CIELab	<a href="#">75.42, -15.03, -0.97</a>
CIElCh	<a href="#">75, 15.056, 183.685</a>
Yxy	<a href="#">48.9437, 0.2863, 0.3384</a>
Android (android.graphics.Color)	<a href="#">4288266939 (0xFF99C2BB)</a>
YUV	<a href="#">180.9430, 2.9861, -24.5060</a>
Hunter-Lab	<a href="#">69.9598, -16.8033, 2.9712</a>

# Details

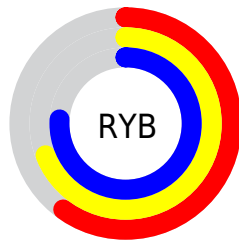
The Hex color **99C2BB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C299A0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D0FBF3**, and **658C86** is the 20% darker color. If you saturate the color by 10%, you get **86C2B8**, and if you desaturate by 10%, it is **ACC2BE**.

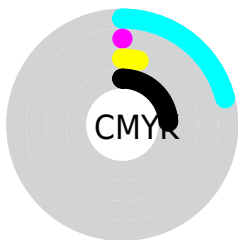
# Distribution



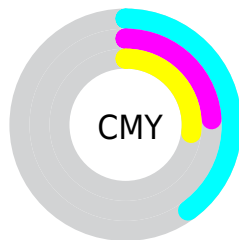
- Red (60%)
- Green (76%)
- Blue (73%)



- Red (60%)
- Yellow (69%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (40%)
- Magenta (24%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99C2BB 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 99C2BB by changing the saturation by 10% instead.



 99C2BB

 99C2BB

FFFFFF

 7FA7A0

 D0FBF3

 658C86

 ECFFFF

 4C736D

 345A54

 1D433D

 042C28

 001913

 000000

 99C2BB

 99C2BB

 86C2B8

 ACC2BE

 72C2B4

 C0C2C2

 5FC2B1

 D3C2C5

 4BC2AE

 E7C2C8

 38C2AA

 FAC2CC

 25C2A7

 FFC2CF

 11C2A4

 FFC2D2

 00C2A1

 FFC2D5

 FFC2D9

# Harmonies

## Analogous

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



A4C1AD



99C2BB



96C1C9

# Triad

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



99C2BB



BFB6D1



D0B5A1

# Complementary

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



99C2BB



C299A0

# 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.



D7B1AB



99C2BB



CEB2C6

# Square

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



99C2BB



ADBAD5



D6B0B8



C3B99E

# Rectangle

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



99C2BB



9AC0D0



D6B0B8



D3B3A4

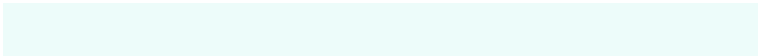


# Sweetspot

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



99C2BB



EDFCFA



A1C299



77807E



000000



808080

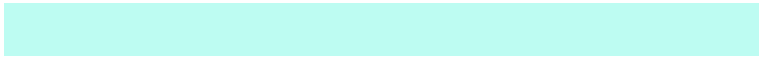


# Same Dimension

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



99C2BB



BDFCF2



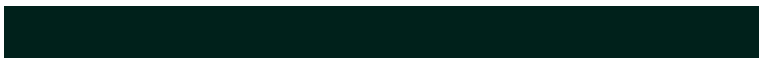
99B5C2



57615F



00A185



00211B



# Inverse Universe

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



C299A0



FCBDC8



C2A699



615759



A1001B

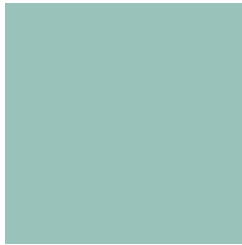


210006



# Previews

## White Background



This preview shows how the Hex color 99C2BB looks on a white background.

## Color Contrast Check

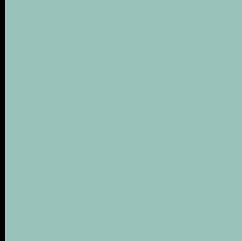
Large Text (above 18pt) WCAG AA × Fail

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 99C2BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

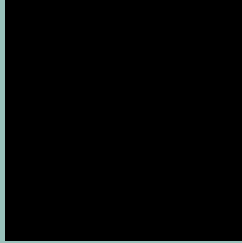
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

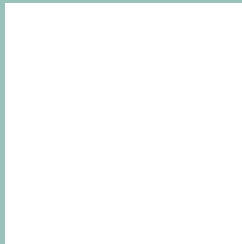
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99C2BB Background



This preview shows how black text looks on a background with the Hex color 99C2BB.



This preview shows how white text looks on a background with the Hex color 99C2BB.

# 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](#).

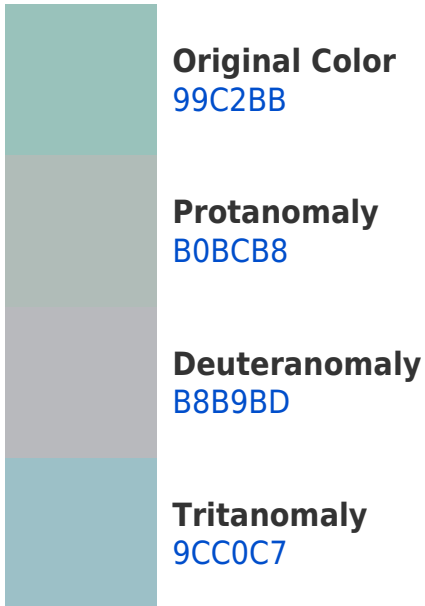
## Dichromacy



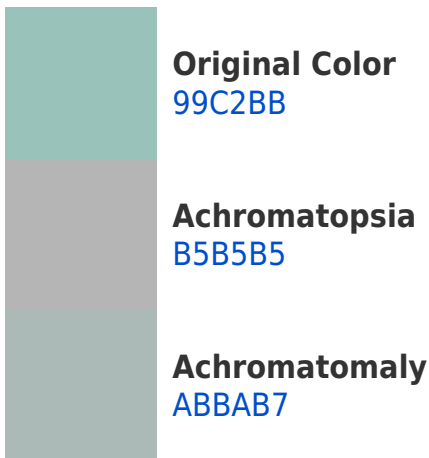


**Tritanopia**  
9DBFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99C2BB 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 #99C2BB looks like.

```
.text, #text, p{  
    color:#99C2BB  
}
```

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 #99C2BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C2BB  
}
```

## Border

The CSS property to change the border of an element to Hex 99C2BB 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  
#99C2BB }
```

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

```
.border{ border-color:#99C2BB }
```

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

Here you see how a box with a 4 pixel #99C2BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C2BB; -webkit-box-shadow:4px 4px  
4px 4px #99C2BB; box-shadow:4px 4px 4px  
4px #99C2BB }
```

# Background

The CSS property to change the background color of an element to Hex 99C2BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C2BB }
```

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

```
.background{ background-color:#99C2BB }
```

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