

# Converting Colors

Hex(99C0B7)

Have a look what the booklet for  
Hex(99C0B7) contains.

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# **Color**

**Hex(99C0B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99C0B7
RGB	153, 192, 183
RGB Percent	60%, 75%, 72%
CMY	0.4000, 0.2471, 0.2824
CMYK	0.20, 0.00, 0.05, 0.25
HSL	166°, 24%, 68%
HSV	166°, 20%, 75%
XYZ	40.5337, 47.8905, 51.9072
YIQ	179.3130, -20.3550, -11.0670

# Conversions

## Conversions Part 2

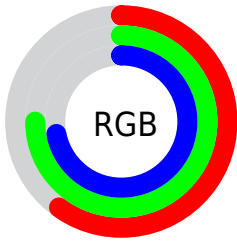
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 175, 192</a>
Decimal	<a href="#">10076343</a>
CIELab	<a href="#">74.76, -14.84, 0.24</a>
CIElCh	<a href="#">75, 14.837, 179.082</a>
Yxy	<a href="#">47.8905, 0.2888, 0.3413</a>
Android (android.graphics.Color)	<a href="#">4288266423 (0xFF99C0B7)</a>
YUV	<a href="#">179.3130, 1.8177, -23.0765</a>
Hunter-Lab	<a href="#">69.2029, -16.5536, 3.9703</a>

# Details

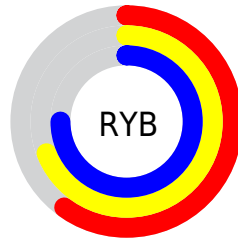
The Hex color **99C0B7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C099A2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D0F8EF**, and **658A82** is the 20% darker color. If you saturate the color by 10%, you get **86C0B3**, and if you desaturate by 10%, it is **ACC0BB**.

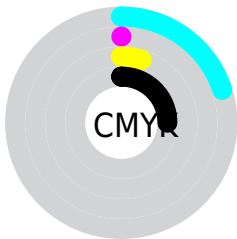
# Distribution



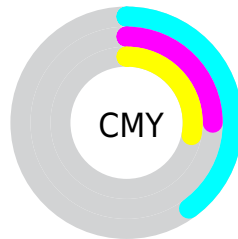
- Red (60%)
- Green (75%)
- Blue (72%)



- Red (60%)
- Yellow (69%)
- Blue (75%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99C0B7 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 99C0B7 by changing the saturation by 10% instead.



 99C0B7

 99C0B7

FFFFFF

 7FA59C

 D0F8EF

 658A82

 ECFFFF

 4C7169

 355851

 1D413A

 052B24

 00170F

 000000

 99C0B7

 99C0B7

86C0B3

ACC0BB

73C0AE

BFC0C0

5FC0AA

D3C0C4

4CC0A5

E6C0C9

39C0A1

F9C0CD

26C09C

FFC0D2

13C098

FFC0D6

00C094

FFC0DA

FFC0DF

# Harmonies

## Analogous

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



A5BEAA



99C0B7



95C0C5

# Triad

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



99C0B7



BAB5D0



CFB2A1

# Complementary

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



99C0B7



C099A2

# 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.



D5AFAB



99C0B7



CAB1C6

# Square

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



99C0B7



A9B9D3



D3AFB9



C3B79D

# Rectangle

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



99C0B7



97BECC



D3AFB9



D2B1A4



# Sweetspot

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



99C0B7



EBFAF6



A2C099



747D7B



FCFCFC



7D7D7D

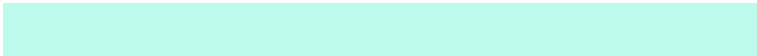


# Same Dimension

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



99C0B7



BEFAEC



99B6C0



57615F



00A17C



002119



# Inverse Universe

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



C099A2



FABECC



C0A399



615759



A10025



210008



# Previews

## White Background



This preview shows how the Hex color 99C0B7 looks on a white background.

## Color Contrast Check

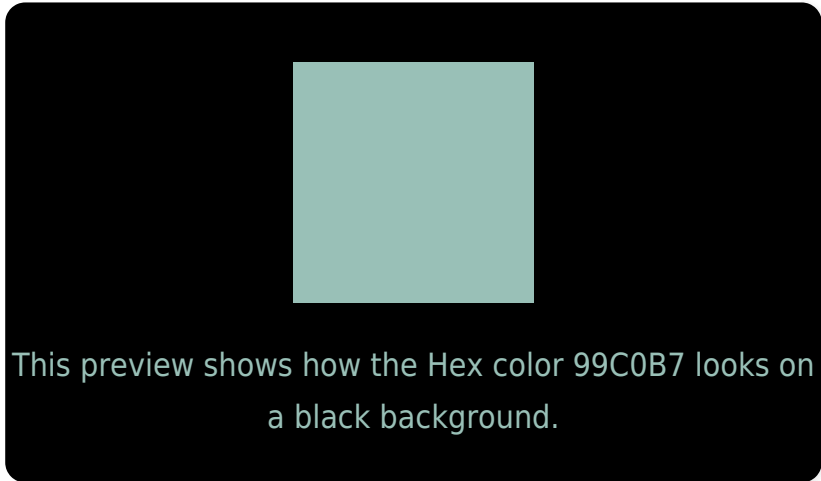
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

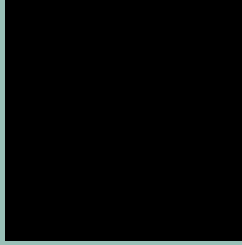
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

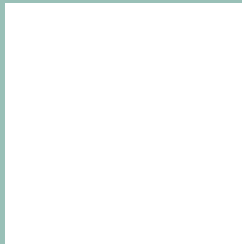
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99C0B7 Background



This preview shows how black text looks on a background with the Hex color 99C0B7.



This preview shows how white text looks on a background with the Hex color 99C0B7.

# Color Blindness Simulation

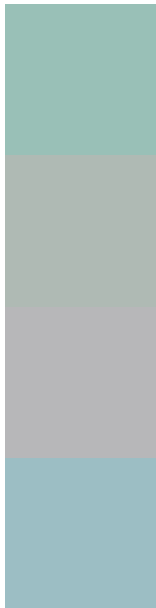
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
99C0B7

**Protanomaly**  
AFBAB4

**Deuteranomaly**  
B7B7B9

**Tritanomaly**  
9CBEC4

# Monochromacy



**Original Color**  
99C0B7

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
AAB8B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99C0B7 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 #99C0B7 looks like.

```
.text, #text, p{  
    color:#99C0B7  
}
```

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 #99C0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C0B7
}
```

## Border

The CSS property to change the border of an element to Hex 99C0B7 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
#99C0B7 }
```

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

```
.border{ border-color:#99C0B7 }
```

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

Here you see how a box with a 4 pixel #99C0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C0B7; -webkit-box-shadow:4px 4px  
4px 4px #99C0B7; box-shadow:4px 4px 4px  
4px #99C0B7 }
```

# Background

The CSS property to change the background color of an element to Hex 99C0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C0B7 }
```

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

```
.background{ background-color:#99C0B7 }
```

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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