

# Converting Colors

Hex(97C297)

Have a look what the booklet for  
Hex(97C297) contains.

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# **Color**

**Hex(97C297)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97C297
RGB	151, 194, 151
RGB Percent	59%, 76%, 59%
CMY	0.4078, 0.2392, 0.4078
CMYK	0.22, 0.00, 0.22, 0.24
HSL	120°, 26%, 68%
HSV	120°, 22%, 76%
XYZ	37.6402, 47.3972, 36.4429
YIQ	176.2410, -11.8250, -22.4890

# Conversions

## Conversions Part 2

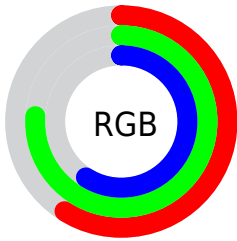
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 194, 194</a>
Decimal	<a href="#">9945751</a>
CIELab	<a href="#">74.44, -22.66, 17.08</a>
CIELCh	<a href="#">74, 28.377, 143.006</a>
Yxy	<a href="#">47.3972, 0.3098, 0.3902</a>
Android (android.graphics.Color)	<a href="#">4288135831 (0xFF97C297)</a>
YUV	<a href="#">176.2410, -12.4438, -22.1364</a>
Hunter-Lab	<a href="#">68.8457, -22.8880, 16.8073</a>

# Details

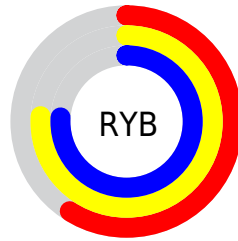
The Hex color **97C297** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C297C2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CEFBCD**, and **638C64** is the 20% darker color. If you saturate the color by 10%, you get **84C284**, and if you desaturate by 10%, it is **AAC2AA**.

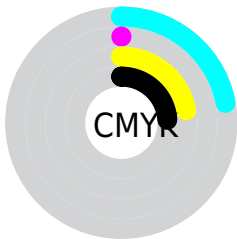
# Distribution



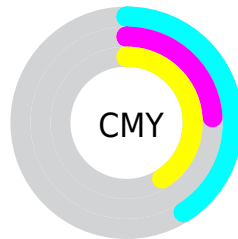
- Red (59%)
- Green (76%)
- Blue (59%)



- Red (59%)
- Yellow (76%)
- Blue (76%)



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



- Cyan (41%)
- Magenta (24%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97C297 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 97C297 by changing the saturation by 10% instead.





97C297



97C297

FFFFFF



7DA77D



CEFBCD



638C64



EAFFEA



4A734C



325A35



1B421F



032C09



001800



000000



97C297



97C297

 84C284

 AAC2AA

 70C270

 BEC2BE

 5DC25D

 D1C2D1

 49C249

 E5C2E5

 36C236

 F8C2F8

 23C223

 FFC2FF

 0FC20F

 00C200

# Harmonies

## Analogous

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



B5BC87



97C297



7BC5B0

# Triad

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



97C297



8EBBEA



ECA5A4

# Complementary

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



97C297



C297C2

# 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.



E7A5BE



97C297



B3B3E7

# Square

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



97C297



70C2E0



D3AAD7



E3AB8E

# Rectangle

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



97C297



6DC6C2



D3AAD7



ECA4AD



# Sweetspot

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



97C297



EBFCEB



C2C297



758075



000000



808080

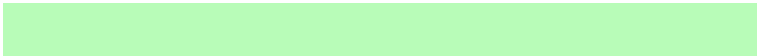


# Same Dimension

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



97C297



B8FCB8



97C2AD



576157



00A100



002100



# Inverse Universe

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



C297C2



FCB8FC



C297AD



615761



A100A1

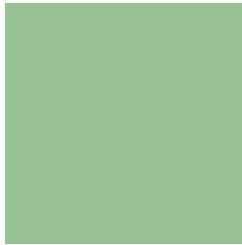


210021



# Previews

## White Background



This preview shows how the Hex color 97C297 looks on a white background.

## Color Contrast Check

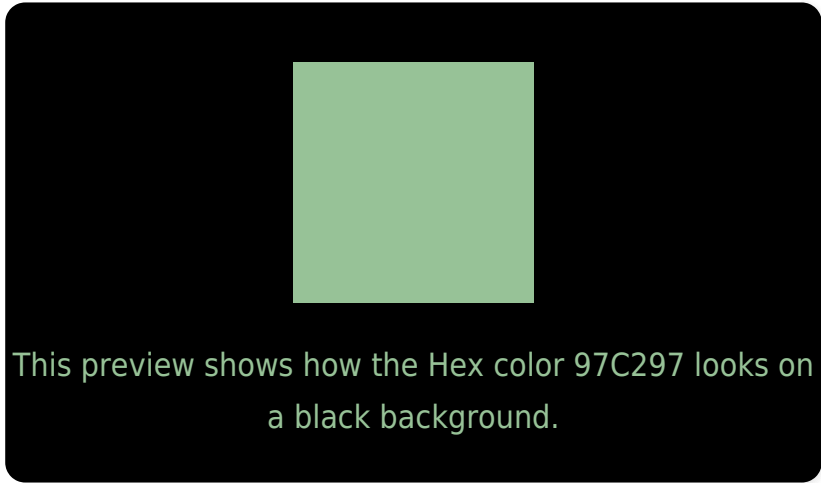
Large Text (above 18pt) WCAG AA × Fail

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

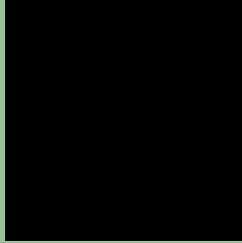
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97C297 Background



This preview shows how black text looks on a background with the Hex color 97C297.



This preview shows how white text looks on a background with the Hex color 97C297.

# Color Blindness Simulation

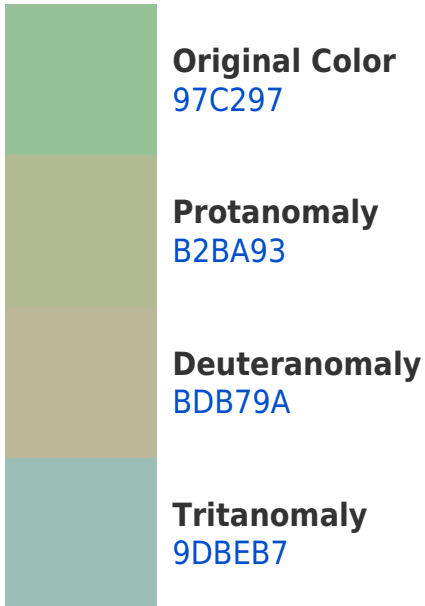
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

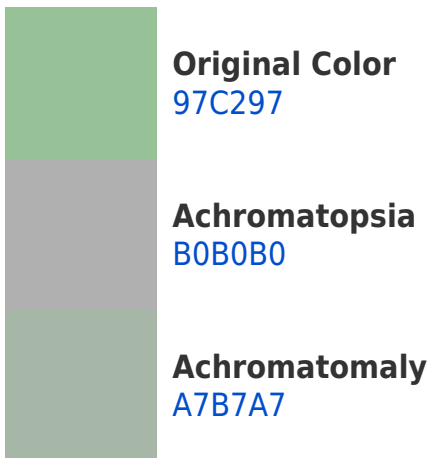




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97C297 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 #97C297 looks like.

```
.text, #text, p{  
    color:#97C297  
}
```

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 #97C297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C297
}
```

## Border

The CSS property to change the border of an element to Hex 97C297 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
#97C297 }
```

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

```
.border{ border-color:#97C297 }
```

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

Here you see how a box with a 4 pixel #97C297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C297; -webkit-box-shadow:4px 4px  
4px 4px #97C297; box-shadow:4px 4px 4px  
4px #97C297 }
```

# Background

The CSS property to change the background color of an element to Hex 97C297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C297 }
```

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

```
.background{ background-color:#97C297 }
```

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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