

# Converting Colors

Hex(81C9AC)

Have a look what the booklet for  
Hex(81C9AC) contains.

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**Color**

**Hex(81C9AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81C9AC
RGB	129, 201, 172
RGB Percent	51%, 79%, 67%
CMY	0.4941, 0.2118, 0.3255
CMYK	0.36, 0.00, 0.14, 0.21
HSL	156°, 40%, 65%
HSV	156°, 36%, 79%
XYZ	37.3863, 49.4190, 46.5981
YIQ	176.1660, -33.6030, -24.2830

# Conversions

## Conversions Part 2

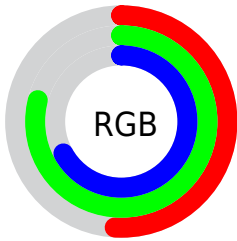
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 174, 201
Decimal	8505772
CIELab	75.71, -28.96, 7.40
CIELCh	76, 29.890, 165.657
Yxy	49.4190, 0.2803, 0.3704
Android (android.graphics.Color)	4286695852 (0xFF81C9AC)
YUV	176.1660, -2.0538, -41.3646
Hunter-Lab	70.2986, -28.0925, 9.9081

# Details

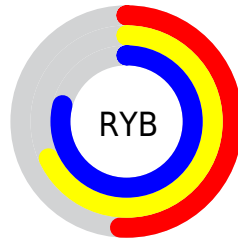
The Hex color **81C9AC** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C9819E**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B8FFE3**, and **4C9378** is the 20% darker color. If you saturate the color by 10%, you get **6DC9A4**, and if you desaturate by 10%, it is **95C9B4**.

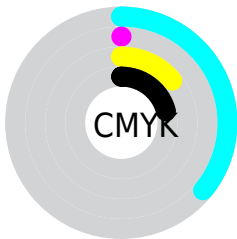
# Distribution



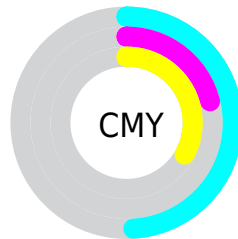
- Red (51%)
- Green (79%)
- Blue (67%)



- Red (51%)
- Yellow (68%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81C9AC 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 81C9AC by changing the saturation by 10% instead.



 81C9AC

 81C9AC

FFFFFF

 66AD91

 B8FFE3

 4C9378

 D5FFFF

 31795F

 F1FFFF

 135F47

 004731

 00301C

 001C02

 000000

 81C9AC

 81C9AC

 6DC9A4

 95C9B4

 59C99C

 A9C9BC

 45C994

 BDC9C4

 31C98C

 D1C9CC

 1DC984

 E6C9D4

 08C97B

 FAC9DD

 00C978

 FFC9E5

 FFC9ED

 FFC9F5

# Harmonies

## Analogous

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



A0C593



81C9AC



69CAC8

# Triad

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



81C9AC



ACB8EF



EDAC94

# Complementary

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



81C9AC



C9819E

# 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.



F2A7AD



81C9AC



D0AFE1

# Square

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



81C9AC



85C1EF



E9A8C9



DAB486

# Rectangle

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



81C9AC



66C9DA



E9A8C9



F0A99C

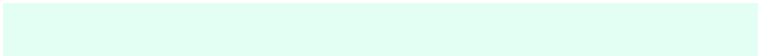


# Sweetspot

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



81C9AC



E3FFF4



9FC981



6F8079



000000



808080

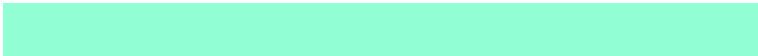


# Same Dimension

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



81C9AC



91FFD3



81C3C9



5A635F



00A361



002415



# Inverse Universe

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



C9819E



FF91BE



C98781



635A5E



A30042



24000E



# Previews

## White Background



This preview shows how the Hex color 81C9AC looks on a white background.

## Color Contrast Check

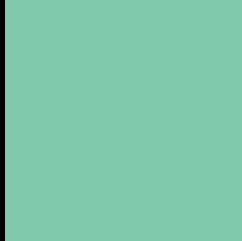
Large Text (above 18pt) WCAG AA × Fail

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 81C9AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

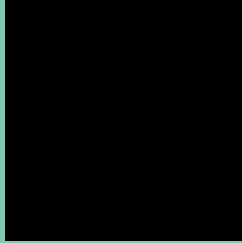
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81C9AC Background



This preview shows how black text looks on a background with the Hex color 81C9AC.

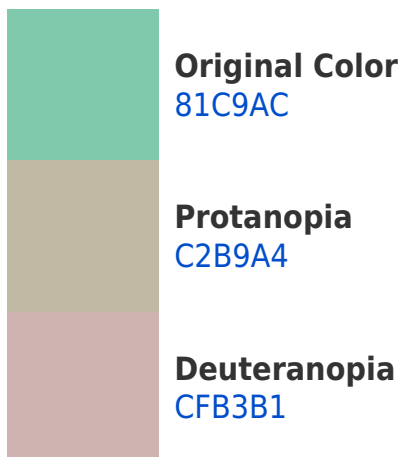


This preview shows how white text looks on a background with the Hex color 81C9AC.

# 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](#).

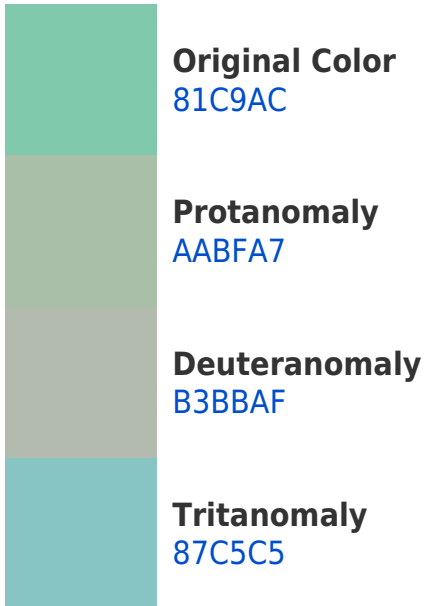
## Dichromacy



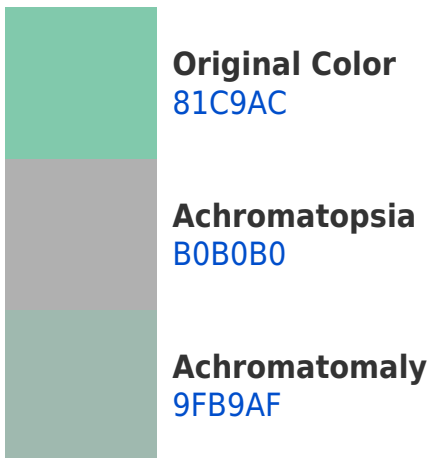


**Tritanopia**  
8AC3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81C9AC 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 #81C9AC looks like.

```
.text, #text, p{  
    color:#81C9AC  
}
```

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 #81C9AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C9AC
}
```

## Border

The CSS property to change the border of an element to Hex 81C9AC 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
#81C9AC }
```

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

```
.border{ border-color:#81C9AC }
```

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

Here you see how a box with a 4 pixel #81C9AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C9AC; -webkit-box-shadow:4px 4px  
4px 4px #81C9AC; box-shadow:4px 4px 4px  
4px #81C9AC }
```

# Background

The CSS property to change the background color of an element to Hex 81C9AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C9AC }
```

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

```
.background{ background-color:#81C9AC }
```

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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