

# Converting Colors

Hex(81CCAC)

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

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# **Color**

**Hex(81CCAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81CCAC
RGB	129, 204, 172
RGB Percent	51%, 80%, 67%
CMY	0.4941, 0.2000, 0.3255
CMYK	0.37, 0.00, 0.16, 0.20
HSL	154°, 42%, 65%
HSV	154°, 37%, 80%
XYZ	38.0925, 50.8314, 46.8335
YIQ	177.9270, -34.4280, -25.8520

# Conversions

## Conversions Part 2

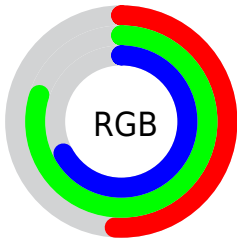
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 177, 204</a>
Decimal	<a href="#">8506540</a>
CIELab	<a href="#">76.58, -30.40, 8.64</a>
CIELCh	<a href="#">77, 31.602, 164.127</a>
Yxy	<a href="#">50.8314, 0.2806, 0.3744</a>
Android (android.graphics.Color)	<a href="#">4286696620 (0xFF81CCAC)</a>
YUV	<a href="#">177.9270, -2.9220, -42.9090</a>
Hunter-Lab	<a href="#">71.2962, -29.3983, 10.9605</a>

# Details

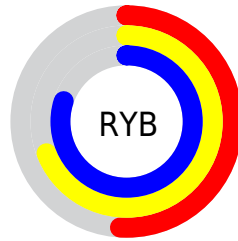
The Hex color **81CCAC** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CC81A1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B8FFE3**, and **4C9578** is the 20% darker color. If you saturate the color by 10%, you get **6DCCA3**, and if you desaturate by 10%, it is **95CCB5**.

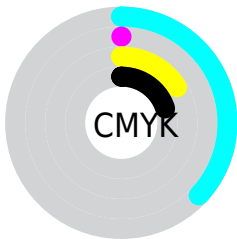
# Distribution



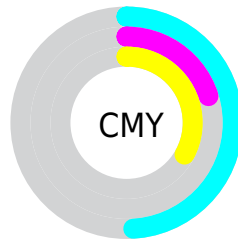
- Red (51%)
- Green (80%)
- Blue (67%)



- Red (51%)
- Yellow (69%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



 81CCAC

 81CCAC

FFFFFF

 66B091

 B8FFE3

 4C9578

 D5FFFF

 307B5F

 F2FFFF

 116247

 004A31

 00321C

 001F02

 000000

 81CCAC

 81CCAC

 6DCCA3

 95CCB5

 58CC9B

 AACCB5

 44CC92

 BECCC6

 2FCC89

 D3CCCF

 1BCC80

 E7CCD8

 07CC78

 FBCCE0

 00CC75

 FFCCE9

 FFCCF2

 FFCCFA

# Harmonies

## Analogous

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



A3C792



81CCAC



66CDCA

# Triad

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



81CCAC



ABBF5



F2AD96

# Complementary

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



81CCAC



CC81A1

# 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.



F8A7B0



81CCAC



D2B1E7

# Square

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



81CCAC



81C4F4



EDA9CE



E0B685

# Rectangle

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



81CCAC



60CCDD



EDA9CE



F6AA9E

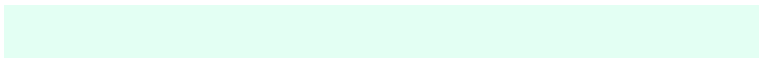


# Sweetspot

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



81CCAC



E3FFF3



A2CC81



6F8078



000000



808080

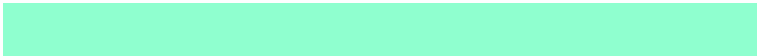


# Same Dimension

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



81CCAC



8FFFCF



81C7CC



5C6662



00A65F



002616



# Inverse Universe

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



CC81A1



FF8FBF



CC8681



665C60



A60047

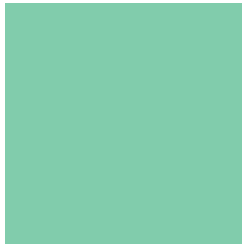


260010



# Previews

## White Background



This preview shows how the Hex color 81CCAC 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 81CCAC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

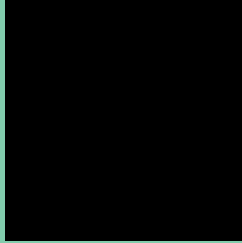
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81CCAC Background



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

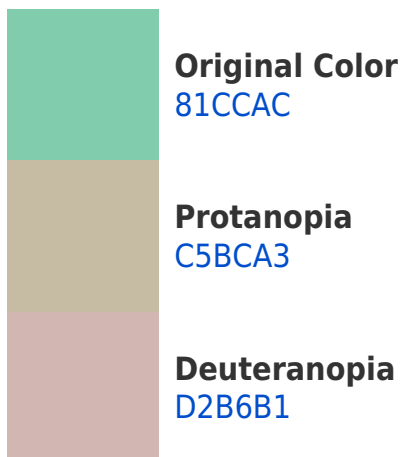


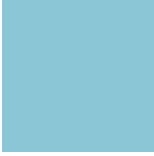
This preview shows how white text looks on a background with the Hex color 81CCAC.

# 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](#).

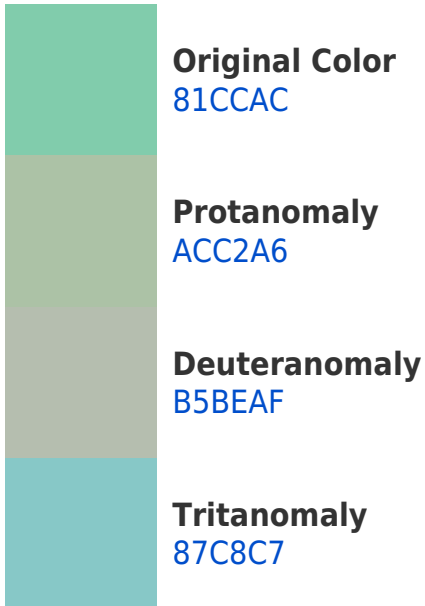
## Dichromacy



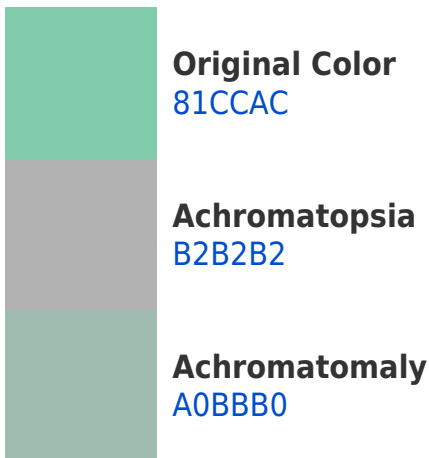


**Tritanopia**  
8BC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #81CCAC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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