

Converting Colors

Hex(81C0CA)

Have a look what the booklet for
Hex(81C0CA) contains.

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Color

Hex(81C0CA)

Conversions

Conversions Part 1

Format	Color
Hex	81C0CA
RGB	129, 192, 202
RGB Percent	51%, 75%, 79%
CMY	0.4941, 0.2471, 0.2078
CMYK	0.36, 0.05, 0.00, 0.21
HSL	188°, 41%, 65%
HSV	188°, 36%, 79%
XYZ	38.5636, 46.6307, 62.8452
YIQ	174.3030, -40.7580, -10.2460

Conversions

Conversions Part 2

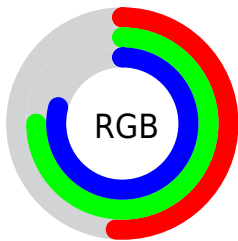
Format	Color
RYB	129, 163, 202
Decimal	8503498
CIELab	73.95, -17.57, -11.43
CIElCh	74, 20.963, 213.038
Yxy	46.6307, 0.2605, 0.3150
Android (android.graphics.Color)	4286693578 (0xFF81C0CA)
YUV	174.3030, 13.6546, -39.7307
Hunter-Lab	68.2867, -18.6972, -6.7648

Details

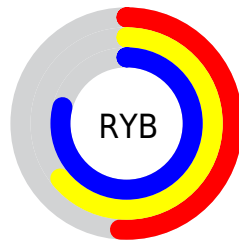
The Hex color **81C0CA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CA8B81**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B8F9FF**, and **4B8A94** is the 20% darker color. If you saturate the color by 10%, you get **6DBDCA**, and if you desaturate by 10%, it is **95C3CA**.

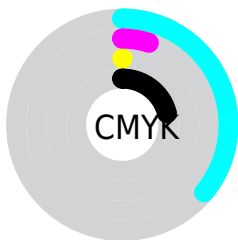
Distribution



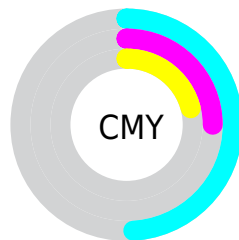
- Red (51%)
- Green (75%)
- Blue (79%)



- Red (51%)
- Yellow (64%)
- Blue (79%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C0CA 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 81C0CA by changing the saturation by 10% instead.

 81C0CA

 81C0CA

FFFFFF

 66A5AF

 B8F9FF

 4B8A94

 D5FFFF

 30717A

 F2FFFF

 0F5861

 00414A

 002A33

 00171E

 000002

 000000

■ 81C0CA

■ 81C0CA

■ 6DBDCA

■ 95C3CA

■ 59BACA

■ A9C6CA

■ 44B8CA

■ BEC8CA

■ 30B5CA

■ D2CBCA

■ 1CB2CA

■ E6CECA

■ 08AFCA

■ FAD1CA

■ 00AECA

■ FFD3CA

■ FFD6CA

■ FFD9CA

Harmonies

Analogous

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



87C1B7



81C0CA



8CBCD7

Triad

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



81C0CA



D1ABC8



C3B58F

Complementary

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



81C0CA



CA8B81

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.



D4AF94



81C0CA



DCA8B4

Square

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



81C0CA



BCB0D6



DDAAA2



ADBB95

Rectangle

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



81C0CA



9AB9DC



DDAAA2



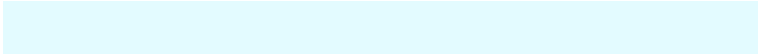
C9B390

Sweetspot

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



81C0CA



E3FBFF



81CA8B



6F7D80



000000



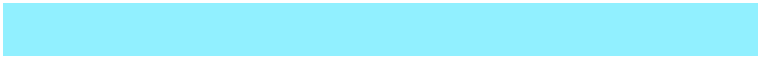
808080

Same Dimension

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



81C0CA



91F0FF



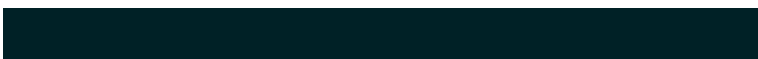
819CCA



5C6566



008FA6



002126

Inverse Universe

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



CA81C0



FF91F0



CAAF81



665C65



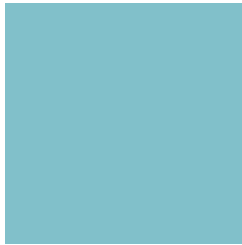
A6008F



260021

Previews

White Background



This preview shows how the Hex color 81C0CA looks on a white background.

Color Contrast Check

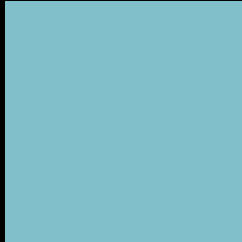
Large Text (above 18pt) WCAG AA × Fail

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 81C0CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

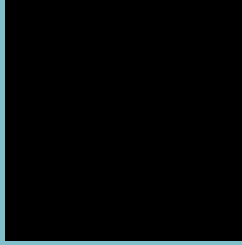
Any Text WCAG AA ✓ Pass

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 81C0CA Background



This preview shows how black text looks on a background with the Hex color 81C0CA.

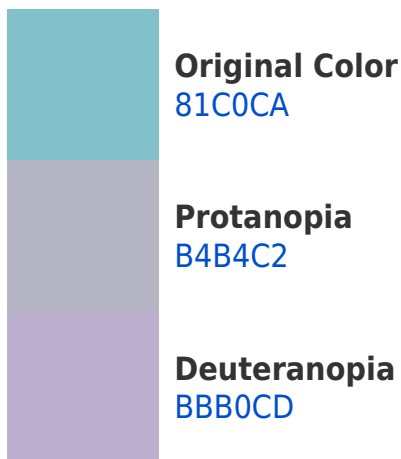


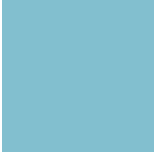
This preview shows how white text looks on a background with the Hex color 81C0CA.

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](#).

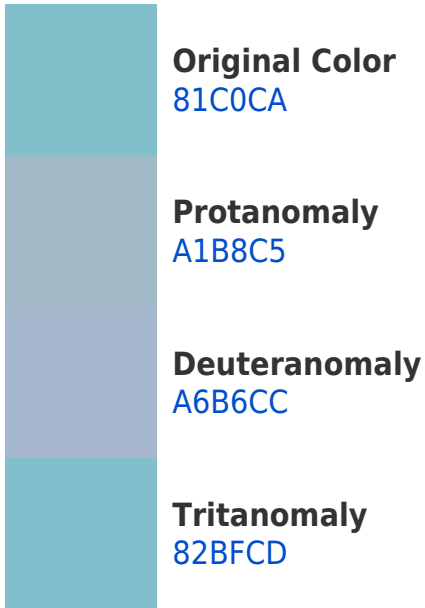
Dichromacy





Tritanopia
82BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C0CA 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 #81C0CA looks like.

```
.text, #text, p{  
    color:#81C0CA  
}
```

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 #81C0CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C0CA
}
```

Border

The CSS property to change the border of an element to Hex 81C0CA 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
#81C0CA }
```

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

```
.border{ border-color:#81C0CA }
```

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

Here you see how a box with a 4 pixel #81C0CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C0CA; -webkit-box-shadow:4px 4px  
4px 4px #81C0CA; box-shadow:4px 4px 4px  
4px #81C0CA }
```

Background

The CSS property to change the background color of an element to Hex 81C0CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C0CA }
```

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

```
.background{ background-color:#81C0CA }
```

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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