

Converting Colors

Hex(81C4CD)

Have a look what the booklet for
Hex(81C4CD) contains.

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Color

Hex(81C4CD)

Conversions

Conversions Part 1

Format	Color
Hex	81C4CD
RGB	129, 196, 205
RGB Percent	51%, 77%, 80%
CMY	0.4941, 0.2314, 0.1961
CMYK	0.37, 0.04, 0.00, 0.20
HSL	187°, 43%, 65%
HSV	187°, 37%, 80%
XYZ	39.8126, 48.5548, 65.0313
YIQ	176.9930, -42.8210, -11.4050

Conversions

Conversions Part 2

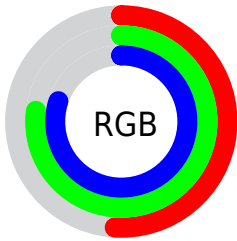
Format	Color
RYB	129, 165, 205
Decimal	8504525
CIELab	75.17, -18.88, -11.23
CIElCh	75, 21.970, 210.751
Yxy	48.5548, 0.2595, 0.3165
Android (android.graphics.Color)	4286694605 (0xFF81C4CD)
YUV	176.9930, 13.8075, -42.0899
Hunter-Lab	69.6812, -19.9556, -6.5566

Details

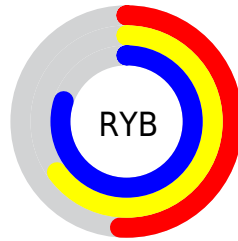
The Hex color **81C4CD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CD8A81**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B9FDFF**, and **4B8E97** is the 20% darker color. If you saturate the color by 10%, you get **6DC2CD**, and if you desaturate by 10%, it is **96C6CD**.

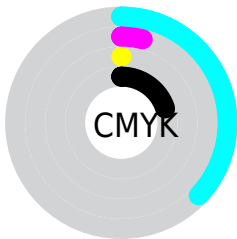
Distribution



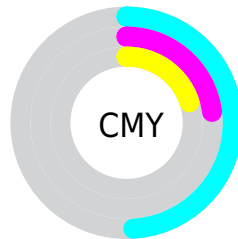
- Red (51%)
- Green (77%)
- Blue (80%)



- Red (51%)
- Yellow (65%)
- Blue (80%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C4CD 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 81C4CD by changing the saturation by 10% instead.

 81C4CD

 81C4CD

FFFFFF

 66A9B2

 B9FDFD

 4B8E97

 D5FFFF

 2F747D

 F2FFFF

 0B5C64

 00444C


 002D35

 001A20

 000007

 000000

 81C4CD

 81C4CD

 6DC2CD

 96C6CD

 58BFCD

 AAC9CD

 44BDCD

 BFCBCD

 2FBACD

 D3CECD

 1BB8CD

 E8D0CD

 06B5CD

 FCD3CD

 00B5CD

 FFD5CD

 FFD7CD

 FFDACD

Harmonies

Analogous

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



88C5B9



81C4CD



8BC1DC

Triad

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



81C4CD



D4AECD



C8B891

Complementary

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



81C4CD



CD8A81

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.



D9B196



81C4CD



E1ABB9

Square

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



81C4CD



BDB4DC



E2ACA5



B2BE96

Rectangle

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



81C4CD



99BDE1



E2ACA5



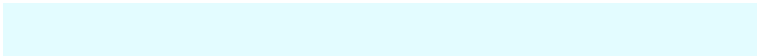
CFB692

Sweetspot

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



81C4CD



E3FCFF



81CD8A



6F7E80



000000



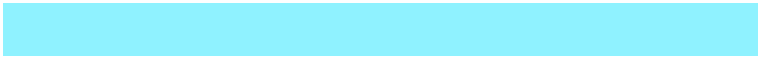
808080

Same Dimension

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



81C4CD



8FF2FF



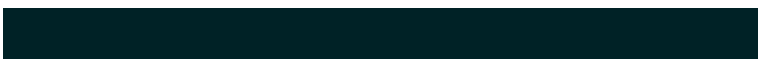
819ECD



5C6566



0092A6



002226

Inverse Universe

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



CD81C4



FF8FF2



CDB081



665C65



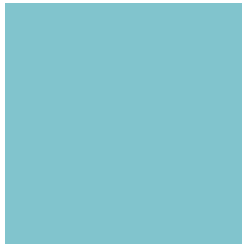
A60092



260022

Previews

White Background



This preview shows how the Hex color 81C4CD looks on a white background.

Color Contrast Check

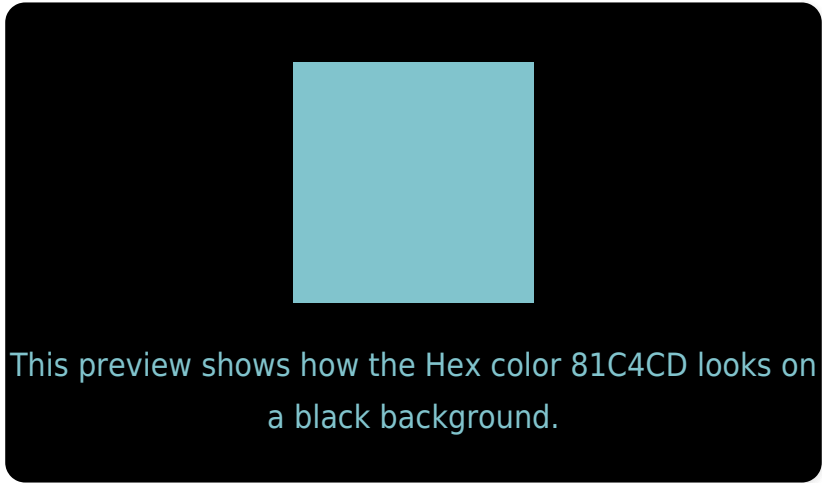
Large Text (above 18pt) WCAG AA × Fail

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

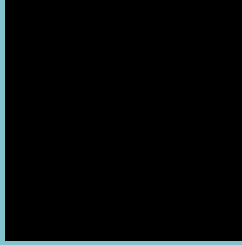
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

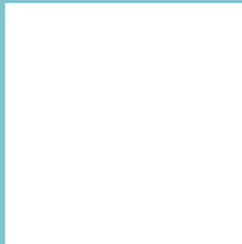
Any Text WCAG AAA ✓ Pass

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

Hex 81C4CD Background



This preview shows how black text looks on a background with the Hex color 81C4CD.

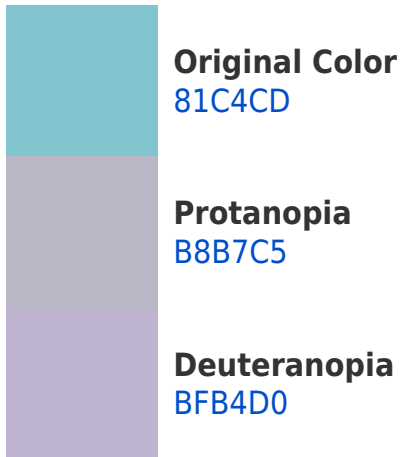


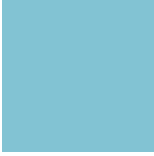
This preview shows how white text looks on a background with the Hex color 81C4CD.

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](#).

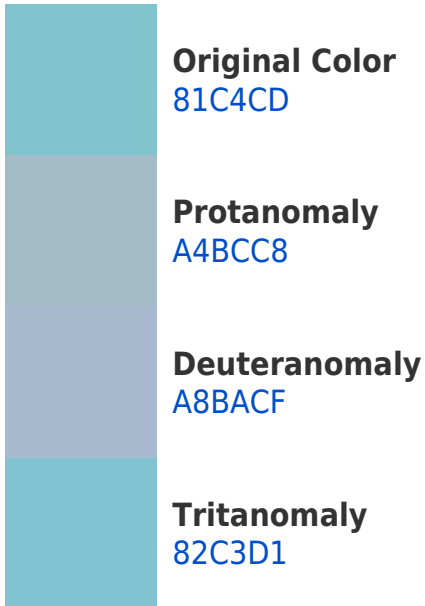
Dichromacy



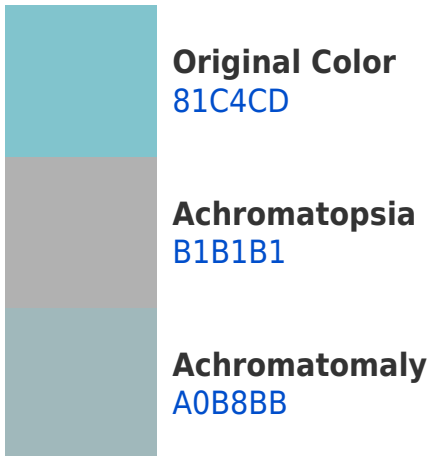


Tritanopia
82C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C4CD 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 #81C4CD looks like.

```
.text, #text, p{  
    color:#81C4CD  
}
```

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 #81C4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C4CD
}
```

Border

The CSS property to change the border of an element to Hex 81C4CD 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
#81C4CD }
```

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

```
.border{ border-color:#81C4CD }
```

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

Here you see how a box with a 4 pixel #81C4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C4CD; -webkit-box-shadow:4px 4px  
4px 4px #81C4CD; box-shadow:4px 4px 4px  
4px #81C4CD }
```

Background

The CSS property to change the background color of an element to Hex 81C4CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C4CD }
```

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

```
.background{ background-color:#81C4CD }
```

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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