

Converting Colors

Hex(81C7D5)

Have a look what the booklet for
Hex(81C7D5) contains.

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Color

Hex(81C7D5)

Conversions

Conversions Part 1

Format	Color
Hex	81C7D5
RGB	129, 199, 213
RGB Percent	51%, 78%, 84%
CMY	0.4941, 0.2196, 0.1647
CMYK	0.39, 0.07, 0.00, 0.16
HSL	190°, 50%, 67%
HSV	190°, 39%, 84%
XYZ	41.4869, 50.3181, 70.4766
YIQ	179.6660, -46.2140, -10.4860

Conversions

Conversions Part 2

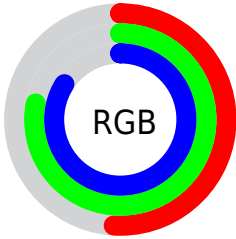
Format	Color
RYB	129, 167, 213
Decimal	8505301
CIELab	76.26, -18.41, -13.93
CIElCh	76, 23.085, 217.112
Yxy	50.3181, 0.2556, 0.3101
Android (android.graphics.Color)	4286695381 (0xFF81C7D5)
YUV	179.6660, 16.4337, -44.4341
Hunter-Lab	70.9352, -19.7398, -9.2520

Details

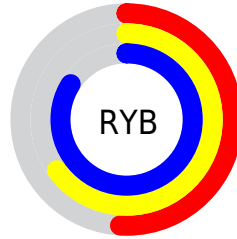
The Hex color **81C7D5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D58F81**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B9FFFF**, and **4A919E** is the 20% darker color. If you saturate the color by 10%, you get **6CC3D5**, and if you desaturate by 10%, it is **96CBD5**.

Distribution



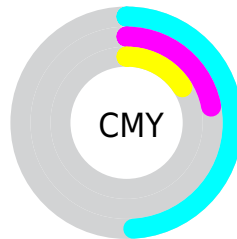
- Red (51%)
- Green (78%)
- Blue (84%)



- Red (51%)
- Yellow (65%)
- Blue (84%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C7D5 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 81C7D5 by changing the saturation by 10% instead.

 81C7D5

 81C7D5

FFFFFF

 65ACB9

 B9FFFF

 4A919E

 D6FFFF

 2D7784

 F3FFFF

 045E6B

 004653

 00303C

 001C26

 000111

 000000

81C7D5

81C7D5

6CC3D5

96CBD5

56C0D5

ACCED5

41BCD5

C1D2D5

2CB9D5

D6D5D5

17B5D5

EBD9D5

01B2D5

FFDCD5

00B1D5

FFE0D5

FFE3D5

FFE7D5

Harmonies

Analogous

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



85C8C1



81C7D5



8FC3E3

Triad

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



81C7D5



DCAFCD



C7BC92

Complementary

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



81C7D5



D58F81

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.



DBB595



81C7D5



E7ADB8

Square

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



81C7D5



C6B5DE



E6AFA3



AFC39A

Rectangle

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



81C7D5



A0BFE6



E6AFA3



CEBA92

Sweetspot

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



81C7D5



E0FAFF



81D58F



6E7D80



000000



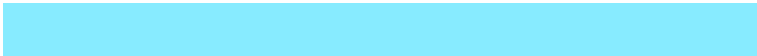
808080

Same Dimension

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



81C7D5



87EBFF



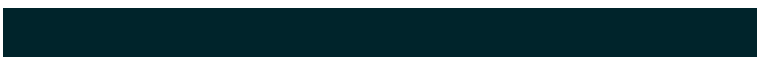
819DD5



60696B



008EAB



00242B

Inverse Universe

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



D581C7



FF87EB



D5B981



6B6069



AB008E



2B0024

Previews

White Background



This preview shows how the Hex color 81C7D5 looks on a white background.

Color Contrast Check

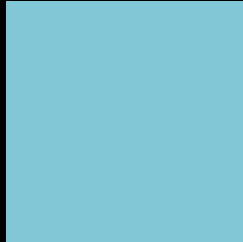
Large Text (above 18pt) WCAG AA × Fail

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 81C7D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

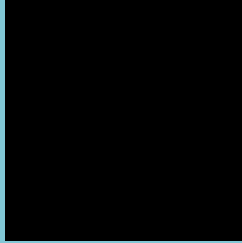
Any Text WCAG AA ✓ Pass

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 81C7D5 Background



This preview shows how black text looks on a background with the Hex color 81C7D5.

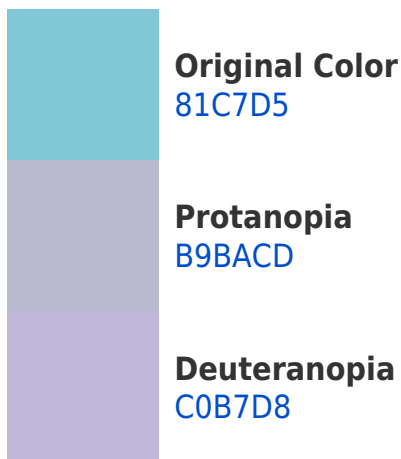


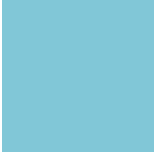
This preview shows how white text looks on a background with the Hex color 81C7D5.

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](#).

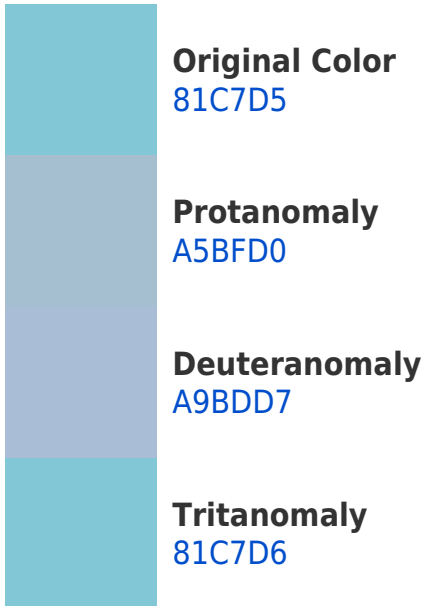
Dichromacy





Tritanopia
81C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C7D5 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 #81C7D5 looks like.

```
.text, #text, p{  
    color:#81C7D5  
}
```

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 #81C7D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C7D5  
}
```

Border

The CSS property to change the border of an element to Hex 81C7D5 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  
#81C7D5 }
```

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

```
.border{ border-color:#81C7D5 }
```

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

Here you see how a box with a 4 pixel #81C7D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C7D5; -webkit-box-shadow:4px 4px  
4px 4px #81C7D5; box-shadow:4px 4px 4px  
4px #81C7D5 }
```

Background

The CSS property to change the background color of an element to Hex 81C7D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C7D5 }
```

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

```
.background{ background-color:#81C7D5 }
```

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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