

Converting Colors

Hex(81C9D3)

Have a look what the booklet for
Hex(81C9D3) contains.

| | |
|--|----|
| Hex(81C9D3) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(81C9D3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81C9D3 |
| RGB | 129, 201, 211 |
| RGB Percent | 51%, 79%, 83% |
| CMY | 0.4941, 0.2118, 0.1725 |
| CMYK | 0.39, 0.05, 0.00, 0.17 |
| HSL | 187°, 48%, 67% |
| HSV | 187°, 39%, 83% |
| XYZ | 41.6978, 51.1436, 69.3020 |
| YIQ | 180.6120, -46.1220, -12.1540 |

Conversions

Conversions Part 2

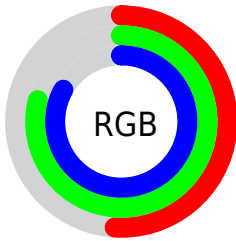
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 129, 167, 211 |
| Decimal | 8505811 |
| CIELab | 76.77, -19.93, -12.10 |
| CIElCh | 77, 23.315, 211.256 |
| Yxy | 51.1436, 0.2572, 0.3154 |
| Android (android.graphics.Color) | 4286695891 (0xFF81C9D3) |
| YUV | 180.6120, 14.9813, -45.2637 |
| Hunter-Lab | 71.5147, -21.0736, -7.3952 |

Details

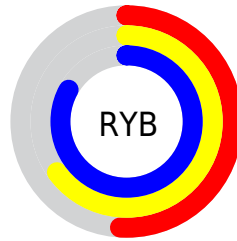
The Hex color **81C9D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D38B81**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B9FFFF**, and **4A939D** is the 20% darker color. If you saturate the color by 10%, you get **6CC6D3**, and if you desaturate by 10%, it is **96CCD3**.

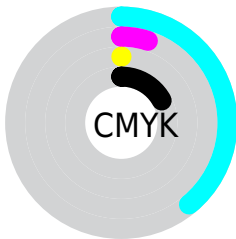
Distribution



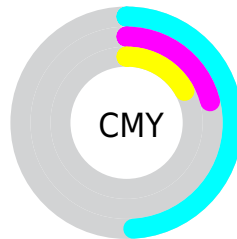
- Red (51%)
- Green (79%)
- Blue (83%)



- Red (51%)
- Yellow (65%)
- Blue (83%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C9D3 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 81C9D3 by changing the saturation by 10% instead.

 81C9D3

 81C9D3

FFFFFF

 65AEB7

 B9FFFF

 4A939D

 D6FFFF

 2D7982

 F3FFFF

 046069

 004851

 00313A

 001D25

 00010F

 000000

81C9D3

81C9D3

6CC6D3

96CCD3

57C4D3

ABCED3

42C1D3

C0D1D3

2DBFD3

D5D3D3

18BCD3

EBD6D3

02BAD3

FFD8D3

00B9D3

FFDBD3

FFDED3

FFE0D3

Harmonies

Analogous

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



89CABE



81C9D3



8CC5E3

Triad

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



81C9D3



DAB1D3



CDBC92

Complementary

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



81C9D3



D38B81

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.



DFB598



81C9D3



E8AEBD

Square

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



81C9D3



C2B8E2



E9B0A8



B5C398

Rectangle

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



81C9D3



9CC1E8



E9B0A8



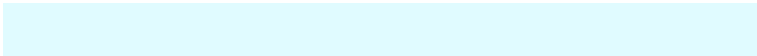
D4BA93

Sweetspot

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



81C9D3



E0FBFF



81D38B



6E7D80



000000



808080

Same Dimension

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



81C9D3



87F0FF



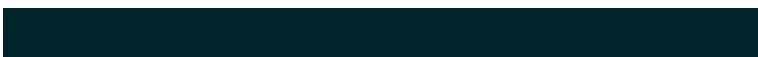
81A0D3



5E6769



0094A8



002429

Inverse Universe

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



D381C9



FF87F0



D3B481



695E67



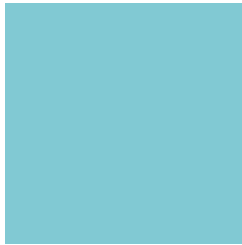
A80094



290024

Previews

White Background



This preview shows how the Hex color 81C9D3 looks on a white background.

Color Contrast Check

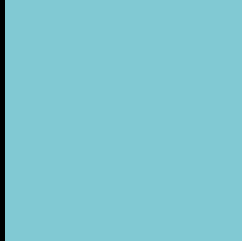
Large Text (above 18pt) WCAG AA × Fail

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 81C9D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

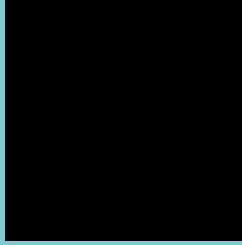
Any Text WCAG AA ✓ Pass

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 81C9D3 Background



This preview shows how black text looks on a background with the Hex color 81C9D3.



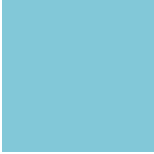
This preview shows how white text looks on a background with the Hex color 81C9D3.

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](#).

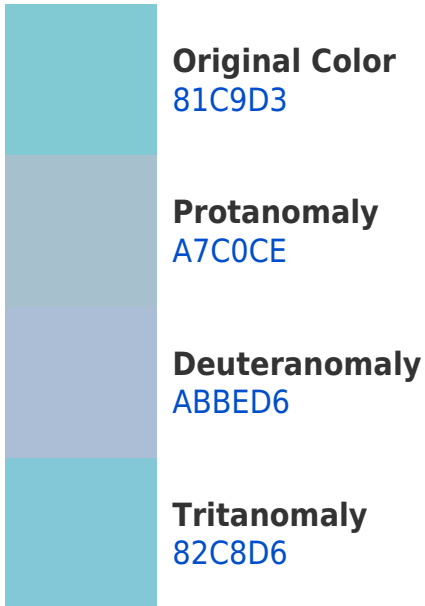
Dichromacy





Tritanopia
82C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C9D3 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 #81C9D3 looks like.

```
.text, #text, p{  
    color:#81C9D3  
}
```

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 #81C9D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C9D3
}
```

Border

The CSS property to change the border of an element to Hex 81C9D3 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
#81C9D3 }
```

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

```
.border{ border-color:#81C9D3 }
```

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

Here you see how a box with a 4 pixel #81C9D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C9D3; -webkit-box-shadow:4px 4px  
4px 4px #81C9D3; box-shadow:4px 4px 4px  
4px #81C9D3 }
```

Background

The CSS property to change the background color of an element to Hex 81C9D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C9D3 }
```

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

```
.background{ background-color:#81C9D3 }
```

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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