

Converting Colors

Hex(81C2B7)

Have a look what the booklet for
Hex(81C2B7) contains.

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Color

Hex(81C2B7)

Conversions

Conversions Part 1

Format	Color
Hex	81C2B7
RGB	129, 194, 183
RGB Percent	51%, 76%, 72%
CMY	0.4941, 0.2392, 0.2824
CMYK	0.34, 0.00, 0.06, 0.24
HSL	170°, 35%, 63%
HSV	170°, 34%, 76%
XYZ	36.8923, 46.6696, 51.8634
YIQ	173.3110, -35.2090, -17.2010

Conversions

Conversions Part 2

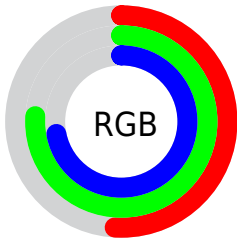
Format	Color
RYB	129, 165, 194
Decimal	8503991
CIELab	73.98, -23.11, -1.06
CIElCh	74, 23.132, 182.625
Yxy	46.6696, 0.2724, 0.3446
Android (android.graphics.Color)	4286694071 (0xFF81C2B7)
YUV	173.3110, 4.7767, -38.8607
Hunter-Lab	68.3152, -23.1560, 2.8089

Details

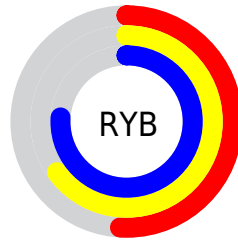
The Hex color **81C2B7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C2818C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B8FB EF**, and **4C8C82** is the 20% darker color. If you saturate the color by 10%, you get **6EC2B4**, and if you desaturate by 10%, it is **94C2BA**.

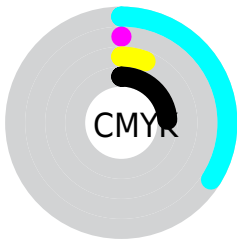
Distribution



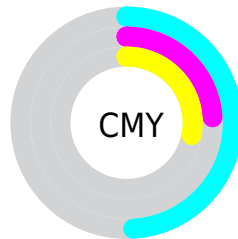
- Red (51%)
- Green (76%)
- Blue (72%)



- Red (51%)
- Yellow (65%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C2B7 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 81C2B7 by changing the saturation by 10% instead.

 81C2B7

 81C2B7

FFFFFF

 66A79C


 B8FBEF

 4C8C82

 D4FFFF

 327269

 F1FFFF


 155A51

 00423A

 002B25

 00170F

 000000

 81C2B7

 81C2B7

 6EC2B4

 94C2BA

 5AC2B0

 A8C2BE

 47C2AD

 BBC2C1

 33C2AA

 CFC2C4

 20C2A7

 E2C2C7

 0DC2A3

 F5C2CB

 00C2A1

 FFC2CE

 FFC2D1

 FFC2D5

Harmonies

Analogous

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



95C0A2



81C2B7



7AC1CC

Triad

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



81C2B7



BCB0DA



D7AE91

Complementary

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



81C2B7



C2818C

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.



E1A8A0



81C2B7



D3AACA

Square

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



81C2B7



9FB7E0



E0A7B5



C4B58C

Rectangle

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



81C2B7



80BFD7



E0A7B5



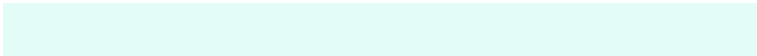
DBAC95

Sweetspot

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



81C2B7



E3FCF8



8DC281



70807D



000000



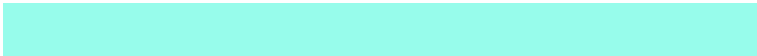
808080

Same Dimension

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



81C2B7



97FCEB



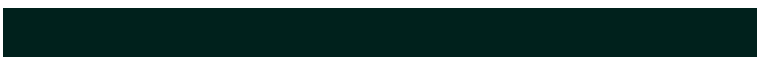
81ADC2



57615F



00A185



00211C

Inverse Universe

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



C2818C



FC97A9



C29681



615759



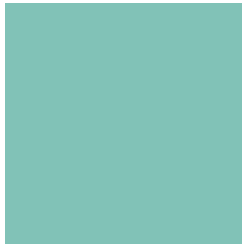
A1001B



210006

Previews

White Background



This preview shows how the Hex color 81C2B7 looks on a white background.

Color Contrast Check

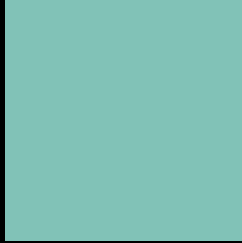
Large Text (above 18pt) WCAG AA × Fail

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 81C2B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

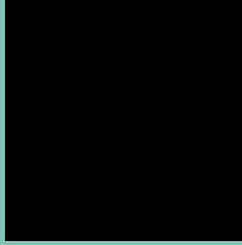
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

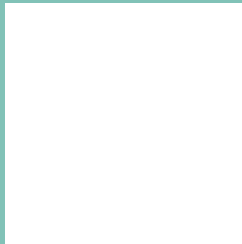
Any Text WCAG AAA ✓ Pass

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

Hex 81C2B7 Background



This preview shows how black text looks on a background with the Hex color 81C2B7.

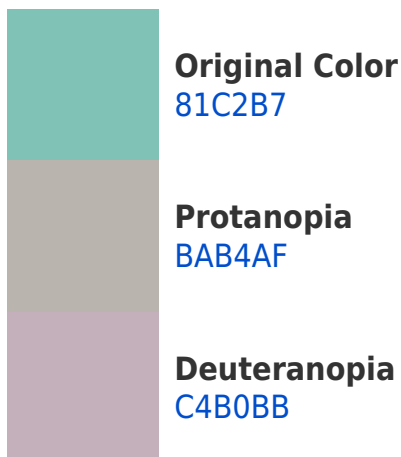


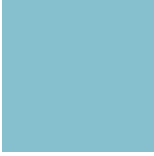
This preview shows how white text looks on a background with the Hex color 81C2B7.

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](#).

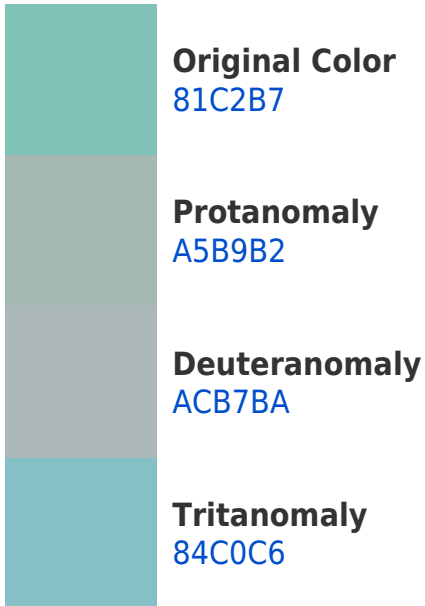
Dichromacy



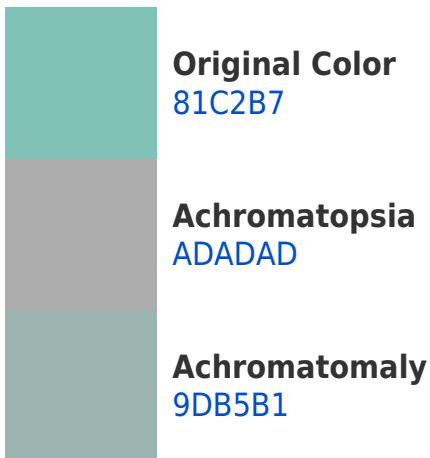


Tritanopia
86BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C2B7 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 #81C2B7 looks like.

```
.text, #text, p{  
    color:#81C2B7  
}
```

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 #81C2B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C2B7
}
```

Border

The CSS property to change the border of an element to Hex 81C2B7 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
#81C2B7 }
```

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

```
.border{ border-color:#81C2B7 }
```

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

Here you see how a box with a 4 pixel #81C2B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C2B7; -webkit-box-shadow:4px 4px  
4px 4px #81C2B7; box-shadow:4px 4px 4px  
4px #81C2B7 }
```

Background

The CSS property to change the background color of an element to Hex 81C2B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C2B7 }
```

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

```
.background{ background-color:#81C2B7 }
```

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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