

Converting Colors

Hex(81C5B3)

Have a look what the booklet for
Hex(81C5B3) contains.

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Color

Hex(81C5B3)

Conversions

Conversions Part 1

Format	Color
Hex	81C5B3
RGB	129, 197, 179
RGB Percent	51%, 77%, 70%
CMY	0.4941, 0.2275, 0.2980
CMYK	0.35, 0.00, 0.09, 0.23
HSL	164°, 37%, 64%
HSV	164°, 35%, 77%
XYZ	37.1562, 47.8543, 49.9263
YIQ	174.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

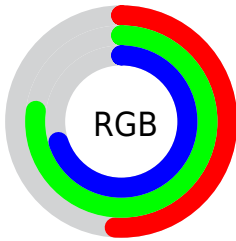
Format	Color
RYB	129, 168, 197
Decimal	8504755
CIELab	74.73, -25.49, 2.21
CIElCh	75, 25.590, 175.042
Yxy	47.8543, 0.2754, 0.3546
Android (android.graphics.Color)	4286694835 (0xFF81C5B3)
YUV	174.6160, 2.1613, -40.0052
Hunter-Lab	69.1768, -25.1836, 5.6330

Details

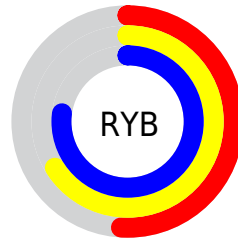
The Hex color **81C5B3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C58193**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B8FEEB**, and **4C8F7E** is the 20% darker color. If you saturate the color by 10%, you get **6DC5AE**, and if you desaturate by 10%, it is **95C5B8**.

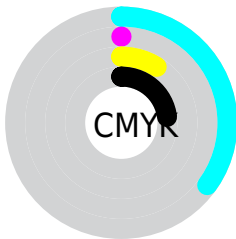
Distribution



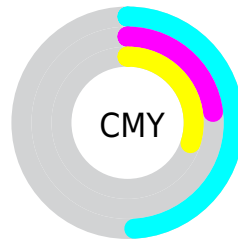
- Red (51%)
- Green (77%)
- Blue (70%)



- Red (51%)
- Yellow (66%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C5B3 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 81C5B3 by changing the saturation by 10% instead.

 81C5B3

 81C5B3

FFFFFF

 66AA98

 B8FEEB

 4C8F7E

 D4FFFF

 327565

 F1FFFF

 145C4D

 004437

 002D21

 00190B

 000000

 81C5B3

 81C5B3

 6DC5AE

 95C5B8

 5AC5A9

 A8C5BD

 46C5A3

 BCC5C3

 32C59E

 D0C5C8

 1EC599

 E4C5CD

 0BC594

 F7C5D2

 00C591

 FFC5D8

 FFC5DD

 FFC5E2

Harmonies

Analogous

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



99C29C



81C5B3



74C5CB

Triad

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



81C5B3



B7B3E2



E0AD92

Complementary

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



81C5B3



C58193

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.



E8A8A5



81C5B3



D3ACD3

Square

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



81C5B3



96BBE6



E4A7BD



CDB589

Rectangle

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



81C5B3



76C3D8



E4A7BD



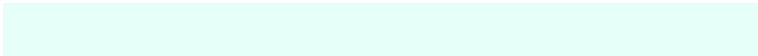
E4AB98

Sweetspot

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



81C5B3



E6FFF8



93C581



70807B



000000



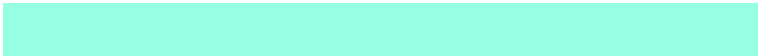
808080

Same Dimension

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



81C5B3



96FFE3



81B5C5



5A6361



00A378



00241A

Inverse Universe

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



C58193



FF96B2



C59181



635A5C



A3002B



240009

Previews

White Background



This preview shows how the Hex color 81C5B3 looks on a white background.

Color Contrast Check

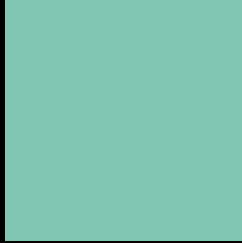
Large Text (above 18pt) WCAG AA × Fail

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 81C5B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

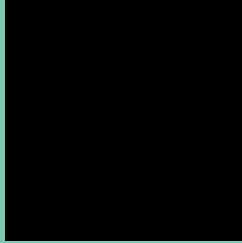
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

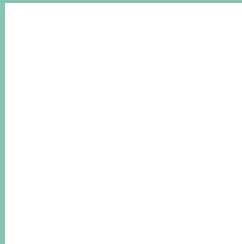
Any Text WCAG AAA ✓ Pass

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

Hex 81C5B3 Background



This preview shows how black text looks on a background with the Hex color 81C5B3.



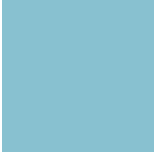
This preview shows how white text looks on a background with the Hex color 81C5B3.

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



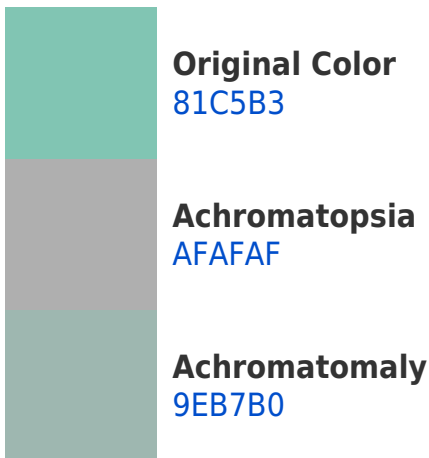


Tritanopia
88C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C5B3 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 #81C5B3 looks like.

```
.text, #text, p{  
    color:#81C5B3  
}
```

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 #81C5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C5B3
}
```

Border

The CSS property to change the border of an element to Hex 81C5B3 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
#81C5B3 }
```

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

```
.border{ border-color:#81C5B3 }
```

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

Here you see how a box with a 4 pixel #81C5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C5B3; -webkit-box-shadow:4px 4px  
4px 4px #81C5B3; box-shadow:4px 4px 4px  
4px #81C5B3 }
```

Background

The CSS property to change the background color of an element to Hex 81C5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C5B3 }
```

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

```
.background{ background-color:#81C5B3 }
```

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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