

Converting Colors

Hex(81C197)

Have a look what the booklet for
Hex(81C197) contains.

Hex(81C197)	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(81C197)

Conversions

Conversions Part 1

Format	Color
Hex	81C197
RGB	129, 193, 151
RGB Percent	51%, 76%, 59%
CMY	0.4941, 0.2431, 0.4078
CMYK	0.33, 0.00, 0.22, 0.24
HSL	141°, 34%, 63%
HSV	141°, 33%, 76%
XYZ	33.7091, 45.0414, 36.1954
YIQ	169.0760, -24.6620, -26.6300

Conversions

Conversions Part 2

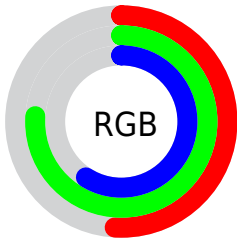
Format	Color
RYB	129, 177, 193
Decimal	8503703
CIELab	72.92, -29.35, 14.76
CIElCh	73, 32.855, 153.299
Yxy	45.0414, 0.2933, 0.3918
Android (android.graphics.Color)	4286693783 (0xFF81C197)
YUV	169.0760, -8.9115, -35.1467
Hunter-Lab	67.1129, -27.7915, 15.0027

Details

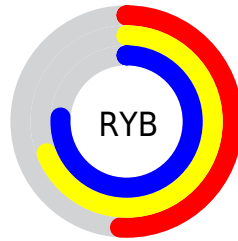
The Hex color **81C197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C181AB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B8FACD**, and **4D8B64** is the 20% darker color. If you saturate the color by 10%, you get **6EC18A**, and if you desaturate by 10%, it is **94C1A4**.

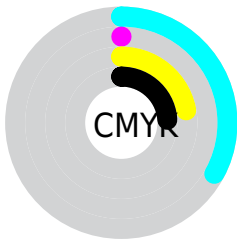
Distribution



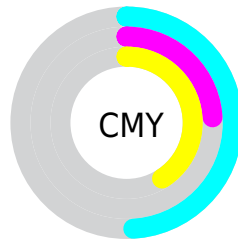
- Red (51%)
- Green (76%)
- Blue (59%)



- Red (51%)
- Yellow (69%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C197 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 81C197 by changing the saturation by 10% instead.



81C197



81C197

FFFFFF



67A67D



B8FACD



4D8B64



D4FFEA



33714C



F1FFFF



185835



00411F



002A09



001200



000000



81C197



81C197

 6EC18A

 94C1A4

 5AC17E

 A8C1B0

 47C171

 BBC1BD

 34C164

 CEC1CA

 20C158

 E2C1D6

 0DC14B

 F5C1E3

 00C142

 FFC1F0

 FFC1FC

 FFC1FF

Harmonies

Analogous

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



A4BB80



81C197



5FC3B5

Triad

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



81C197



90B5EF



ED9F93

Complementary

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



81C197



C181AB

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.



ED9CB1



81C197



BBAAE5

Square

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



81C197



64BDE8



DCA1CF



DEA87E

Rectangle

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



81C197



50C3CA



DCA1CF



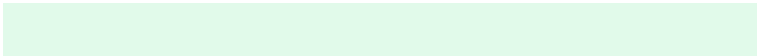
EF9E9D

Sweetspot

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



81C197



E1FAEA



ACC181



6E7D73



FCFCFC



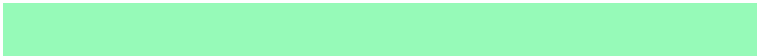
7D7D7D

Same Dimension

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



81C197



96FAB8



81C1B6



57615B



00A137



00210B

Inverse Universe

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



C181AB



FA96D8



C1818C



61575E



A10069



210016

Previews

White Background



This preview shows how the Hex color 81C197 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 81C197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

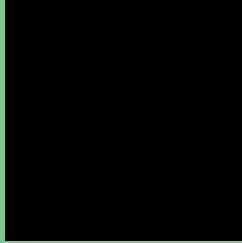
Any Text WCAG AA ✓ Pass

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 81C197 Background



This preview shows how black text looks on a background with the Hex color 81C197.

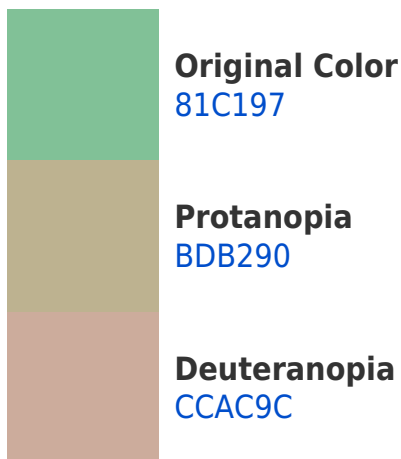


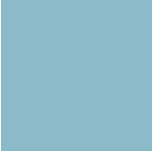
This preview shows how white text looks on a background with the Hex color 81C197.

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](#).

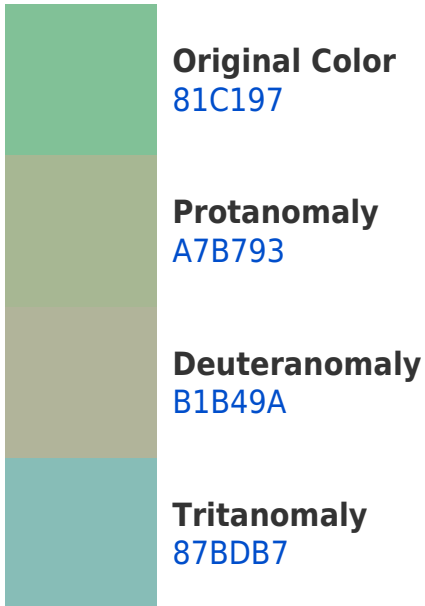
Dichromacy



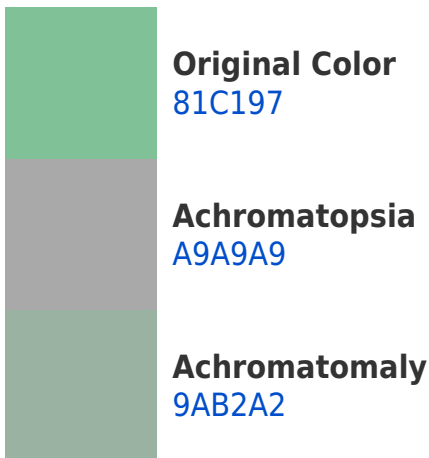


Tritanopia
8BBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C197 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 #81C197 looks like.

```
.text, #text, p{  
    color:#81C197  
}
```

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 #81C197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C197
}
```

Border

The CSS property to change the border of an element to Hex 81C197 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
#81C197 }
```

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

```
.border{ border-color:#81C197 }
```

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

Here you see how a box with a 4 pixel #81C197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C197; -webkit-box-shadow:4px 4px  
4px 4px #81C197; box-shadow:4px 4px 4px  
4px #81C197 }
```

Background

The CSS property to change the background color of an element to Hex 81C197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C197 }
```

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

```
.background{ background-color:#81C197 }
```

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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