

Converting Colors

Hex(80CDC1)

Have a look what the booklet for
Hex(80CDC1) contains.

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Color

Hex(80CDC1)

Conversions

Conversions Part 1

Format	Color
Hex	80CDC1
RGB	128, 205, 193
RGB Percent	50%, 80%, 76%
CMY	0.4980, 0.1961, 0.2431
CMYK	0.38, 0.00, 0.06, 0.20
HSL	171°, 44%, 65%
HSV	171°, 38%, 80%
XYZ	40.3590, 52.1021, 58.3816
YIQ	180.6090, -42.0400, -20.0560

Conversions

Conversions Part 2

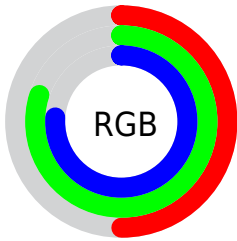
Format	Color
RYB	128, 170, 205
Decimal	8441281
CIELab	77.34, -26.52, -1.55
CIELCh	77, 26.568, 183.337
Yxy	52.1021, 0.2676, 0.3454
Android (android.graphics.Color)	4286631361 (0xFF80CDC1)
YUV	180.6090, 6.1088, -46.1381
Hunter-Lab	72.1818, -26.5133, 2.5727

Details

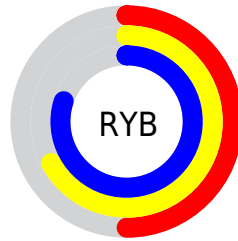
The Hex color **80CDC1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CD808C**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B8FFF9**, and **4A968C** is the 20% darker color. If you saturate the color by 10%, you get **6BCDBE**, and if you desaturate by 10%, it is **95CDC4**.

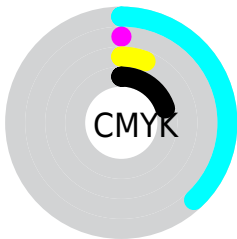
Distribution



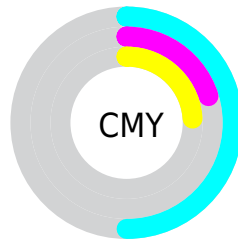
- Red (50%)
- Green (80%)
- Blue (76%)



- Red (50%)
- Yellow (67%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80CDC1 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 80CDC1 by changing the saturation by 10% instead.

 80CDC1

 80CDC1

FFFFFF

 65B1A6

 B8FFF9

 4A968C

 D4FFFF

 2D7C72

 F2FFFF

 08635A

 004B42

 00342C

 002018

 000000

 80CDC1

 80CDC1

 6BCDBE

 95CDC4

 57CDBB

 A9CDC7

 42CDB7

 BECDCB

 2ECDB4

 D2CDCE

 1ACDB1

 E6CDD1

 05CDAE

 FBCDD4

 00CDAD

 FFCDD7

 FFCDDB

 FFCDD E

Harmonies

Analogous

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



97CBA8



80CDC1



77CCD9

Triad

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



80CDC1



C7B8E8



E4B694

Complementary

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



80CDC1



CD808C

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.



F0AFA5



80CDC1



E1B0D6

Square

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



80CDC1



A5C0F0



F0ADB8



CFBE8E

Rectangle

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



80CDC1



7FC9E6



F0ADB8



E9B498

Sweetspot

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



80CDC1



E3FFFB



8DCD80



6F807D



000000



808080

Same Dimension

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



80CDC1



8CFFED



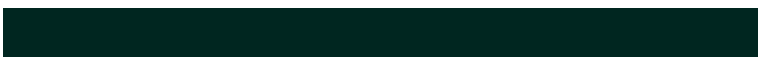
80B3CD



5C6664



00A68C



002620

Inverse Universe

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



CD808C



FF8C9E



CD9A80



665C5D



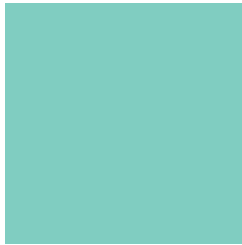
A6001A



260006

Previews

White Background



This preview shows how the Hex color 80CDC1 looks on a white background.

Color Contrast Check

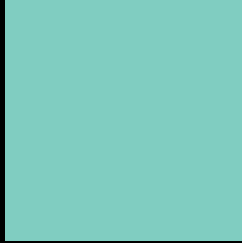
Large Text (above 18pt) WCAG AA × Fail

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 80CDC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

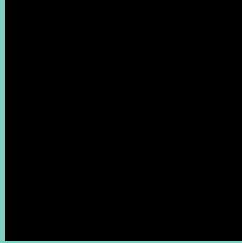
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

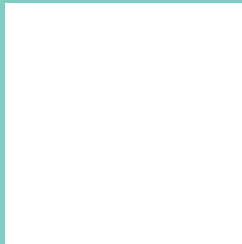
Any Text WCAG AAA ✓ Pass

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

Hex 80CDC1 Background



This preview shows how black text looks on a background with the Hex color 80CDC1.

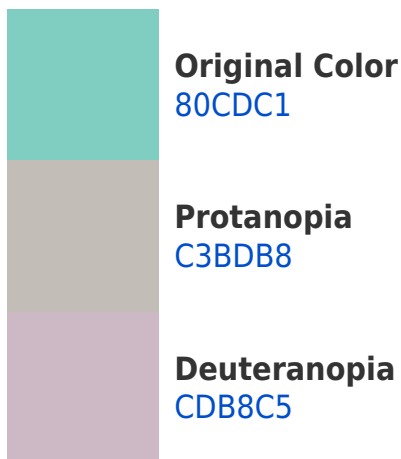


This preview shows how white text looks on a background with the Hex color 80CDC1.

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](#).

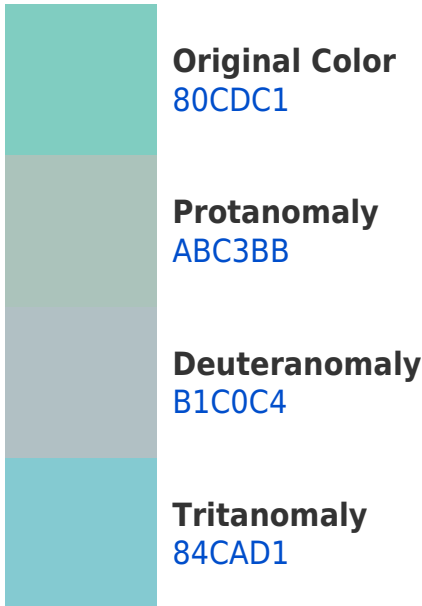
Dichromacy



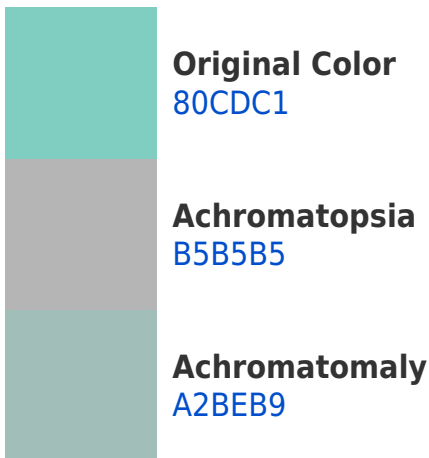


Tritanopia
86C9DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80CDC1 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 #80CDC1 looks like.

```
.text, #text, p{  
    color:#80CDC1  
}
```

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 #80CDC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CDC1  
}
```

Border

The CSS property to change the border of an element to Hex 80CDC1 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  
#80CDC1 }
```

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

```
.border{ border-color:#80CDC1 }
```

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

Here you see how a box with a 4 pixel #80CDC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CDC1; -webkit-box-shadow:4px 4px  
4px 4px #80CDC1; box-shadow:4px 4px 4px  
4px #80CDC1 }
```

Background

The CSS property to change the background color of an element to Hex 80CDC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CDC1 }
```

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

```
.background{ background-color:#80CDC1 }
```

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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