

Converting Colors

Hex(71C8D1)

Have a look what the booklet for
Hex(71C8D1) contains.

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Color

Hex(71C8D1)

Conversions

Conversions Part 1

Format	Color
Hex	71C8D1
RGB	113, 200, 209
RGB Percent	44%, 78%, 82%
CMY	0.5569, 0.2157, 0.1804
CMYK	0.46, 0.04, 0.00, 0.18
HSL	186°, 51%, 63%
HSV	186°, 46%, 82%
XYZ	38.9730, 49.4227, 67.8070
YIQ	175.0130, -54.7410, -15.6450

Conversions

Conversions Part 2

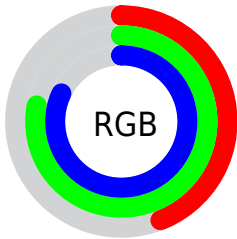
Format	Color
R _Y B	113, 159, 209
Decimal	7456977
CIE Lab	75.71, -23.86, -12.67
CIE LCh	76, 27.011, 207.963
Yxy	49.4227, 0.2495, 0.3164
Android (android.graphics.Color)	4285647057 (0xFF71C8D1)
YUV	175.0130, 16.7556, -54.3854
Hunter-Lab	70.3013, -24.0721, -7.9755

Details

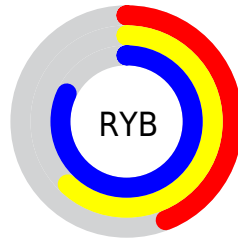
The Hex color **71C8D1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D17A71**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AAFFFF**, and **36929B** is the 20% darker color. If you saturate the color by 10%, you get **5CC6D1**, and if you desaturate by 10%, it is **86CAD1**.

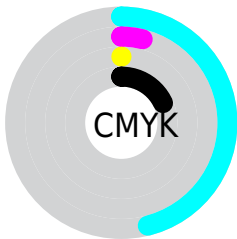
Distribution



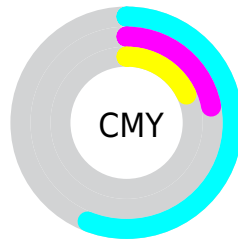
- Red (44%)
- Green (78%)
- Blue (82%)



- Red (44%)
- Yellow (62%)
- Blue (82%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (56%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C8D1 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 71C8D1 by changing the saturation by 10% instead.

 71C8D1

 71C8D1

FFFFFF

 54ADB5

 AAFFFF

 36929B

 C7FFFF

 0C7881

 E4FFFF

 005F68

 00474F

 003039

 001D23

 00010D

 000000

 71C8D1

 71C8D1

 5CC6D1

 86CAD1

 47C4D1

 9BCCD1

 32C2D1

 B0CED1

 1DC0D1

 C5D0D1

 09BED1

 DAD2D1

 00BDD1

 EED4D1

 FFD6D1

 FFD8D1

 FFDAD1

Harmonies

Analogous

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



7EC9B8



71C8D1



7CC4E4

Triad

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



71C8D1



D9ADD5



CFB889

Complementary

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



71C8D1



D17A71

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.



E3B091



71C8D1



EAA9BD

Square

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



71C8D1



BCB5E6



EDAAA4



B4C08E

Rectangle

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



71C8D1



8EC0EB



EDAAA4



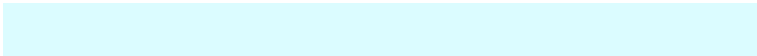
D6B68A

Sweetspot

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



71C8D1



DBFCFF



71D179



6A7D80



000000



808080

Same Dimension

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



71C8D1



73F2FF



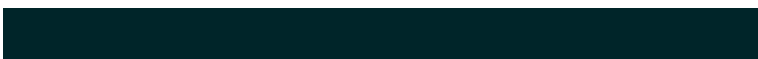
7199D1



5E6869



0099A8



002529

Inverse Universe

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



D171C8



FF73F2



D1A971



695E68



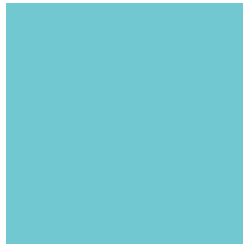
A80099



290025

Previews

White Background



This preview shows how the Hex color 71C8D1 looks on a white background.

Color Contrast Check

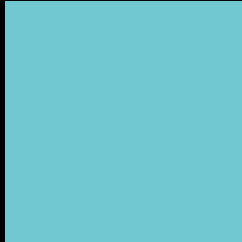
Large Text (above 18pt) WCAG AA × Fail

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 71C8D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

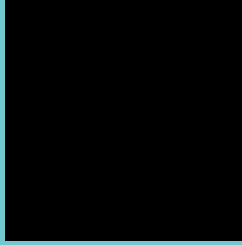
Any Text WCAG AA ✓ Pass

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 71C8D1 Background



This preview shows how black text looks on a background with the Hex color 71C8D1.

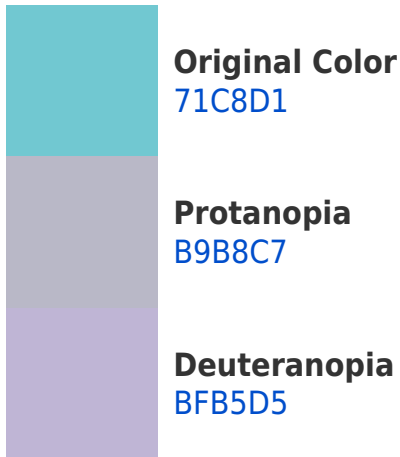


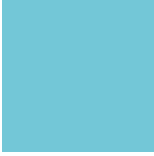
This preview shows how white text looks on a background with the Hex color 71C8D1.

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](#).

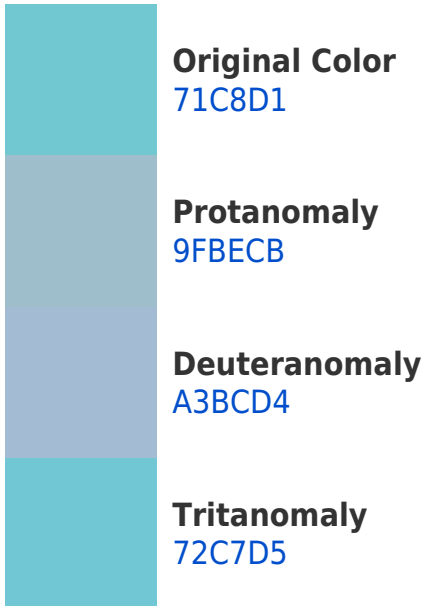
Dichromacy



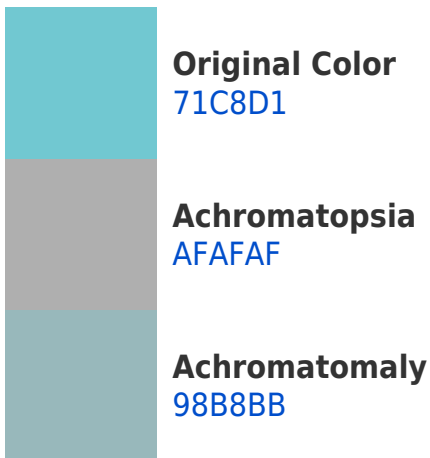


Tritanopia
73C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71C8D1 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 #71C8D1 looks like.

```
.text, #text, p{  
    color:#71C8D1  
}
```

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 #71C8D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C8D1
}
```

Border

The CSS property to change the border of an element to Hex 71C8D1 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
#71C8D1 }
```

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

```
.border{ border-color:#71C8D1 }
```

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

Here you see how a box with a 4 pixel #71C8D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C8D1; -webkit-box-shadow:4px 4px  
4px 4px #71C8D1; box-shadow:4px 4px 4px  
4px #71C8D1 }
```

Background

The CSS property to change the background color of an element to Hex 71C8D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C8D1 }
```

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

```
.background{ background-color:#71C8D1 }
```

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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