

Converting Colors

Hex(74C3CE)

Have a look what the booklet for
Hex(74C3CE) contains.

Hex(74C3CE)	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(74C3CE)

Conversions

Conversions Part 1

Format	Color
Hex	74C3CE
RGB	116, 195, 206
RGB Percent	45%, 76%, 81%
CMY	0.5451, 0.2353, 0.1922
CMYK	0.44, 0.05, 0.00, 0.19
HSL	187°, 48%, 63%
HSV	187°, 44%, 81%
XYZ	37.8581, 47.1994, 65.5076
YIQ	172.6330, -50.6150, -13.3270

Conversions

Conversions Part 2

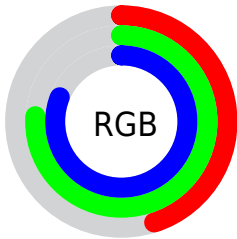
Format	Color
RYB	116, 158, 206
Decimal	7652302
CIELab	74.32, -21.41, -13.12
CIELCh	74, 25.114, 211.495
Yxy	47.1994, 0.2514, 0.3135
Android (android.graphics.Color)	4285842382 (0xFF74C3CE)
YUV	172.6330, 16.4499, -49.6671
Hunter-Lab	68.7019, -21.8659, -8.4420

Details

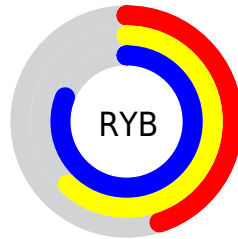
The Hex color **74C3CE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE7F74**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **ACFCFF**, and **3B8D98** is the 20% darker color. If you saturate the color by 10%, you get **5FC0CE**, and if you desaturate by 10%, it is **89C6CE**.

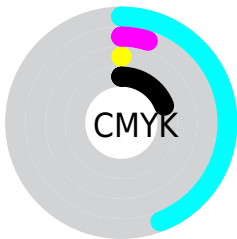
Distribution



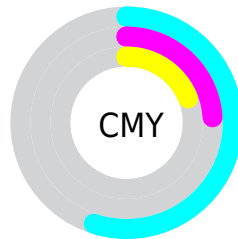
- Red (45%)
- Green (76%)
- Blue (81%)



- Red (45%)
- Yellow (62%)
- Blue (81%)



- Cyan (44%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (55%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74C3CE 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 74C3CE by changing the saturation by 10% instead.

 74C3CE

 74C3CE

FFFFFF

 58A8B3


 ACFCFF

 3B8D98

 C9FFFF

 19737E

 E6FFFF

 005B65

 00434D

 002C36

 001921

 000008

 000000

 74C3CE

 74C3CE

 5FC0CE

 89C6CE

 4BBECE

 9DC8CE

 36BBCE

 B2CBCE

 22B9CE

 C6CDCE

 0DB6CE

 DBD0CE

 00B5CE

 F0D2CE

 FFD5CE

 FFD7CE

 FFDACE

Harmonies

Analogous

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



7DC4B7



74C3CE



80BDFD

Triad

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



74C3CE



D6A9CD



C7B689

Complementary

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



74C3CE



CE7F74

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.



DAAE8F



74C3CE



E4A6B6

Square

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



74C3CE



BCB0DE



E5A8A0



AEBD8F

Rectangle

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



74C3CE



92BBE4



E5A8A0



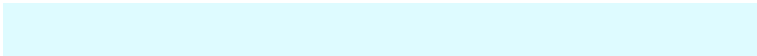
CEB389

Sweetspot

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



74C3CE



DEFBFF



74CE7F



6B7D80



000000



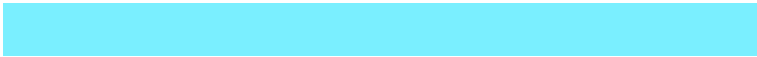
808080

Same Dimension

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



74C3CE



7AEFFF



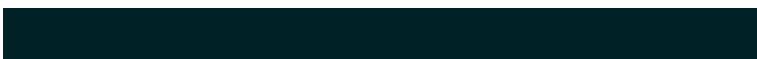
7497CE



5C6566



0091A6



002226

Inverse Universe

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



CE74C3



FF7AEF



CEAB74



665C65



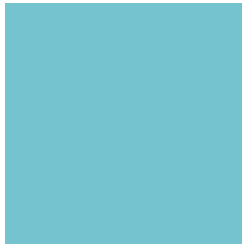
A60091



260022

Previews

White Background



This preview shows how the Hex color 74C3CE looks on a white background.

Color Contrast Check

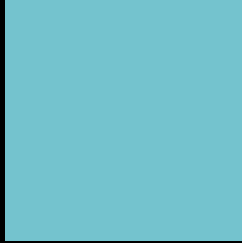
Large Text (above 18pt) WCAG AA × Fail

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 74C3CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

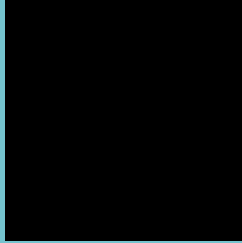
Any Text WCAG AA ✓ Pass

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 74C3CE Background



This preview shows how black text looks on a background with the Hex color 74C3CE.



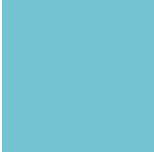
This preview shows how white text looks on a background with the Hex color 74C3CE.

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
75C2D2

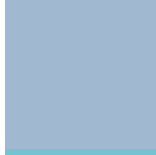
Trichromacy



Original Color
74C3CE



Protanomaly
9DBAC8



Deuteranomaly
A1B8D1

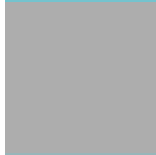


Tritanomaly
75C2D1

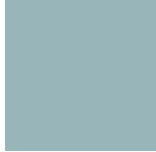
Monochromacy



Original Color
74C3CE



Achromatopsia
ADADAD



Achromatomaly
98B5B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 74C3CE 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 #74C3CE looks like.

```
.text, #text, p{  
    color:#74C3CE  
}
```

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 #74C3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C3CE
}
```

Border

The CSS property to change the border of an element to Hex 74C3CE 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
#74C3CE }
```

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

```
.border{ border-color:#74C3CE }
```

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

Here you see how a box with a 4 pixel #74C3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C3CE; -webkit-box-shadow:4px 4px  
4px 4px #74C3CE; box-shadow:4px 4px 4px  
4px #74C3CE }
```

Background

The CSS property to change the background color of an element to Hex 74C3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C3CE }
```

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

```
.background{ background-color:#74C3CE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor