

Converting Colors

Hex(77CBC3)

Have a look what the booklet for
Hex(77CBC3) contains.

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Color

Hex(77CBC3)

Conversions

Conversions Part 1

Format	Color
Hex	77CBC3
RGB	119, 203, 195
RGB Percent	47%, 80%, 76%
CMY	0.5333, 0.2039, 0.2353
CMYK	0.41, 0.00, 0.04, 0.20
HSL	174°, 45%, 63%
HSV	174°, 41%, 80%
XYZ	38.8140, 50.5739, 59.3458
YIQ	176.9720, -47.4960, -20.2960

Conversions

Conversions Part 2

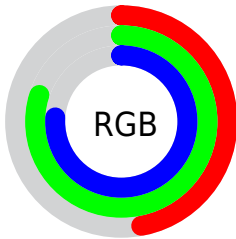
Format	Color
R _Y B	119, 163, 203
Decimal	7850947
CIE Lab	76.42, -27.41, -4.03
CIE LCh	76, 27.703, 188.355
Yxy	50.5739, 0.2610, 0.3400
Android (android.graphics.Color)	4286041027 (0xFF77CBC3)
YUV	176.9720, 8.8878, -50.8414
Hunter-Lab	71.1154, -27.0285, 0.3032

Details

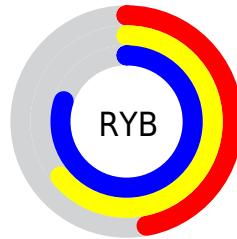
The Hex color **77CBC3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CB777F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AFFFFB**, and **3F958D** is the 20% darker color. If you saturate the color by 10%, you get **63CBC1**, and if you desaturate by 10%, it is **8BCBC5**.

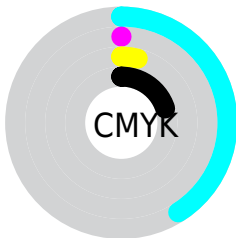
Distribution



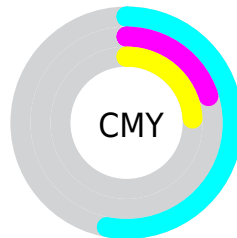
- Red (47%)
- Green (80%)
- Blue (76%)



- Red (47%)
- Yellow (64%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77CBC3 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 77CBC3 by changing the saturation by 10% instead.

 77CBC3

 77CBC3

FFFFFF

 5BAFA8

 AFFFFB

 3F958D

 CCFFFF

 1F7A74

 E9FFFF

 00615B

 004944

 00322E

 001F19

 000000

 77CBC3

 77CBC3

■ 63CBC1

■ 8BCBC5

■ 4ECBBF

■ A0CBC7

■ 3ACBBD

■ B4CBC9

■ 26CBBB

■ C8CBCB

■ 11CBB9

■ DDCBCD

■ 00CBB8

■ F1CBCF

■ FFCBD1

■ FFCBD2

■ FFCBD4

Harmonies

Analogous

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



8EC9A9



77CBC3



71C9DB

Triad

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



77CBC3



CAB3E5



DFB58E

Complementary

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



77CBC3



CB777F

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.



EEAD9E



77CBC3



E3ACD0

Square

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



77CBC3



A7BCEF



F0AAB6



C8BD8A

Rectangle

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



77CBC3



7CC6E7



F0AAB6



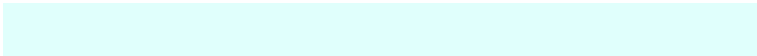
E5B292

Sweetspot

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



77CBC3



E0FFFC



7FCB77



6E807E



000000



808080

Same Dimension

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



77CBC3



80FFF3



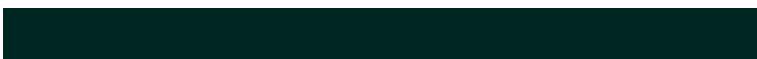
77A9CB



5C6665



00A696



002623

Inverse Universe

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



CB777F



FF808C



CB9977



665C5D



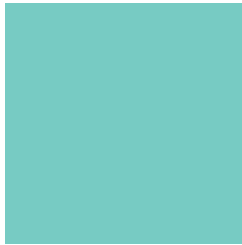
A60010



260004

Previews

White Background



This preview shows how the Hex color 77CBC3 looks on a white background.

Color Contrast Check

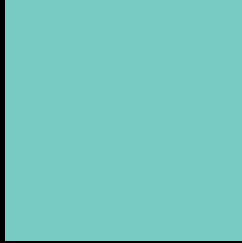
Large Text (above 18pt) WCAG AA × Fail

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 77CBC3 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

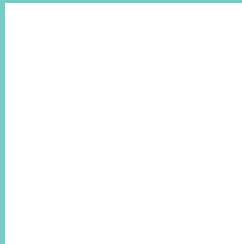
Any Text WCAG AAA ✓ Pass

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

Hex 77CBC3 Background



This preview shows how black text looks on a background with the Hex color 77CBC3.



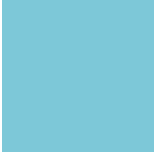
This preview shows how white text looks on a background with the Hex color 77CBC3.

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](#).

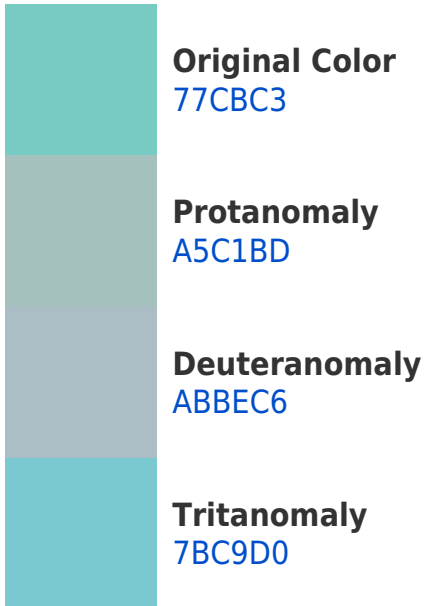
Dichromacy





Tritanopia
7DC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77CBC3 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 #77CBC3 looks like.

```
.text, #text, p{  
    color:#77CBC3  
}
```

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 #77CBC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77CBC3  
}
```

Border

The CSS property to change the border of an element to Hex 77CBC3 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  
#77CBC3 }
```

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

```
.border{ border-color:#77CBC3 }
```

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

Here you see how a box with a 4 pixel #77CBC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77CBC3; -webkit-box-shadow:4px 4px  
4px 4px #77CBC3; box-shadow:4px 4px 4px  
4px #77CBC3 }
```

Background

The CSS property to change the background color of an element to Hex 77CBC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77CBC3 }
```

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

```
.background{ background-color:#77CBC3 }
```

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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