

Converting Colors

Hex(70CCCB)

Have a look what the booklet for
Hex(70CCCB) contains.

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Color

Hex(70CCCB)

Conversions

Conversions Part 1

Format	Color
Hex	70CCCB
RGB	112, 204, 203
RGB Percent	44%, 80%, 80%
CMY	0.5608, 0.2000, 0.2039
CMYK	0.45, 0.00, 0.00, 0.20
HSL	179°, 47%, 62%
HSV	179°, 45%, 80%
XYZ	39.0544, 50.9423, 64.2744
YIQ	176.3780, -54.5110, -19.8150

Conversions

Conversions Part 2

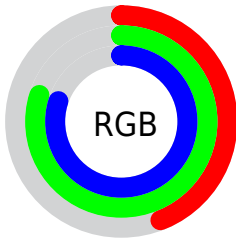
Format	Color
RYB	112, 158, 204
Decimal	7392459
CIELab	76.64, -27.61, -8.04
CIELCh	77, 28.757, 196.240
Yxy	50.9423, 0.2532, 0.3302
Android (android.graphics.Color)	4285582539 (0xFF70CCCB)
YUV	176.3780, 13.1246, -56.4595
Hunter-Lab	71.3739, -27.2324, -3.4308

Details

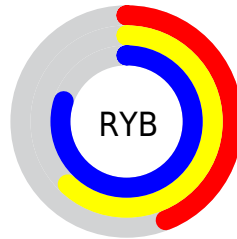
The Hex color **70CCCB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC7071**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A9FFFF**, and **359595** is the 20% darker color. If you saturate the color by 10%, you get **5CCCCB**, and if you desaturate by 10%, it is **84CCCB**.

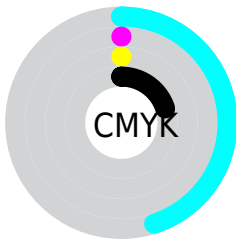
Distribution



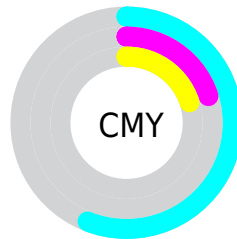
- Red (44%)
- Green (80%)
- Blue (80%)



- Red (44%)
- Yellow (62%)
- Blue (80%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70CCCB 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 70CCCB by changing the saturation by 10% instead.

 70CCCB

 70CCCB

FFFFFF

 53B0B0

 A9FFFF

 359595

 C6FFFF

 097B7B

 E3FFFF

 006262

 004A4B

 003334

 00201F

 000005

 000000

 70CCCB

 70CCCB

 5CCCCB

 84CCCB

 47CCCB

 99CCCB

 33CCCA

 ADCCCC

 1ECCCA

 C2CCCC

 0ACCCA

 D6CCCC

 00CCCA

 EACCCC

 FFCCCD

Harmonies

Analogous

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



86CBB0



70CCCB



71C9E3

Triad

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



70CCCB



D3B1E2



DCB78A

Complementary

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



70CCCB



CC7071

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.



EDAF98



70CCCB



EAABCB

Square

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



70CCCB



B0BBF0



F3AAAF



C2C08A

Rectangle

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



70CCCB



80C6ED



F3AAAF



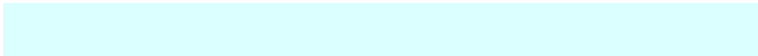
E3B48D

Sweetspot

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



70CCCB



DBFFFF



72CC70



6A807F



000000



808080

Same Dimension

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



70CCCB



75FFFE



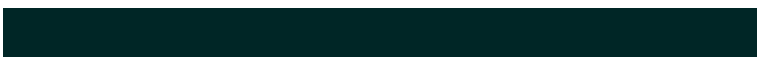
70A0CC



5C6666



00A6A4



002626

Inverse Universe

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



CC7071



FF7577



CC9C70



665C5C



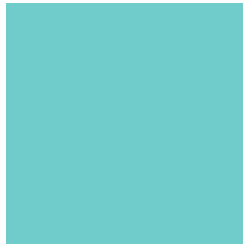
A60002



260000

Previews

White Background



This preview shows how the Hex color 70CCCB looks on a white background.

Color Contrast Check

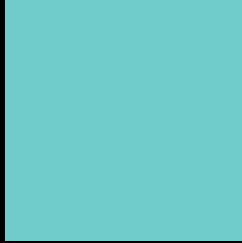
Large Text (above 18pt) WCAG AA × Fail

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 70CCCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

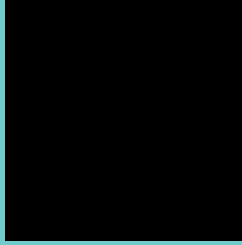
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

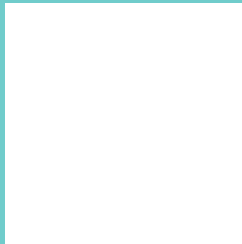
Any Text WCAG AAA ✓ Pass

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

Hex 70CCCB Background



This preview shows how black text looks on a background with the Hex color 70CCCB.



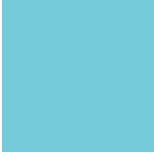
This preview shows how white text looks on a background with the Hex color 70CCCB.

Color Blindness Simulation

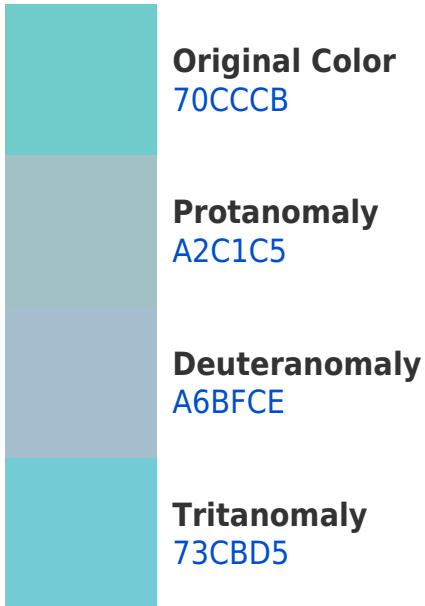
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70CCCB 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 #70CCCB looks like.

```
.text, #text, p{  
    color:#70CCCB  
}
```

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 #70CCCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70CCCB
}
```

Border

The CSS property to change the border of an element to Hex 70CCCB 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
#70CCCB }
```

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

```
.border{ border-color:#70CCCB }
```

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

Here you see how a box with a 4 pixel #70CCCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70CCCB; -webkit-box-shadow:4px 4px  
4px 4px #70CCCB; box-shadow:4px 4px 4px  
4px #70CCCB }
```

Background

The CSS property to change the background color of an element to Hex 70CCCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70CCCB }
```

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

```
.background{ background-color:#70CCCB }
```

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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