

Converting Colors

Hex(71C9C9)

Have a look what the booklet for
Hex(71C9C9) contains.

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Color

Hex(71C9C9)

Conversions

Conversions Part 1

Format	Color
Hex	71C9C9
RGB	113, 201, 201
RGB Percent	44%, 79%, 79%
CMY	0.5569, 0.2118, 0.2118
CMYK	0.44, 0.00, 0.00, 0.21
HSL	180°, 45%, 62%
HSV	180°, 44%, 79%
XYZ	38.2393, 49.5010, 62.7976
YIQ	174.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

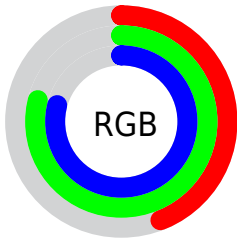
Format	Color
RYB	113, 157, 201
Decimal	7457225
CIELab	75.76, -26.41, -8.27
CIELCh	76, 27.676, 197.382
Yxy	49.5010, 0.2540, 0.3288
Android (android.graphics.Color)	4285647305 (0xFF71C9C9)
YUV	174.6880, 12.9718, -54.1004
Hunter-Lab	70.3570, -26.1092, -3.6698

Details

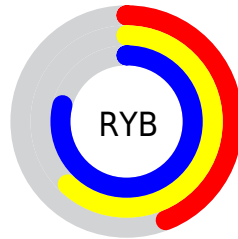
The Hex color **71C9C9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C97171**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AAFFFF**, and **379393** is the 20% darker color. If you saturate the color by 10%, you get **5DC9C9**, and if you desaturate by 10%, it is **85C9C9**.

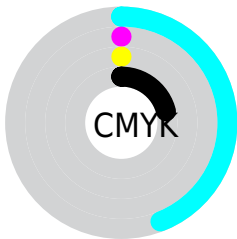
Distribution



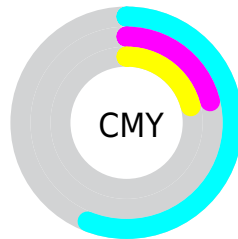
- Red (44%)
- Green (79%)
- Blue (79%)



- Red (44%)
- Yellow (62%)
- Blue (79%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C9C9 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 71C9C9 by changing the saturation by 10% instead.

 71C9C9

 71C9C9

FFFFFF

 55ADAE

 AAFFFF

 379393

 C7FFFF

 107979

 E4FFFF

 006061

 004749

 003032

 001D1D

 000002

 000000

 71C9C9

 71C9C9

 5DC9C9

 85C9C9

 49C9C9

 99C9C9

 35C9C9

 ADC9C9

 21C9C9

 C1C9C9

 0CC9C9

 D6C9C9

 00C9C9

 EAC9C9

 FEC9C9

 FFC9C9

Harmonies

Analogous

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



85C8AF



71C9C9



73C6DF

Triad

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



71C9C9



D1AFDD



D7B589

Complementary

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



71C9C9



C97171

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.



E9AD96



71C9C9



E7A9C7

Square

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



71C9C9



B0B8EB



EFA9AD



BEBE8A

Rectangle

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



71C9C9



82C3E9



EFA9AD



DEB38C

Sweetspot

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



71C9C9



DEFFFF



71C971



6B8080



000000



808080

Same Dimension

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



71C9C9



78FFFF



719DC9



5A6363



00A3A3



002424

Inverse Universe

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



C971C9



FF78FF



C99D71



635A63



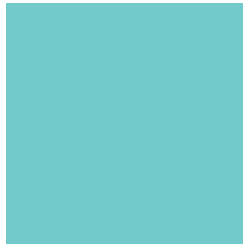
A300A3



240024

Previews

White Background



This preview shows how the Hex color 71C9C9 looks on a white background.

Color Contrast Check

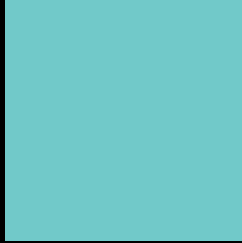
Large Text (above 18pt) WCAG AA × Fail

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 71C9C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

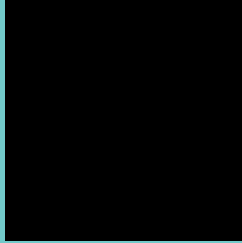
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

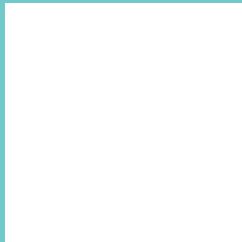
Any Text WCAG AAA ✓ Pass

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

Hex 71C9C9 Background



This preview shows how black text looks on a background with the Hex color 71C9C9.



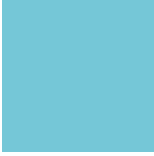
This preview shows how white text looks on a background with the Hex color 71C9C9.

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
75C7D7

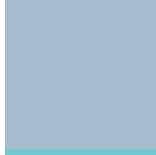
Trichromacy



Original Color
71C9C9



Protanomaly
A0BFC3



Deuteranomaly
A5BCCC

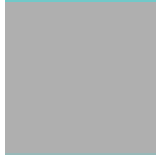


Tritanomaly
74C8D2

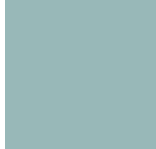
Monochromacy



Original Color
71C9C9



Achromatopsia
AFAFAF



Achromatomaly
98B8B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 71C9C9 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 #71C9C9 looks like.

```
.text, #text, p{  
    color:#71C9C9  
}
```

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 #71C9C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C9C9
}
```

Border

The CSS property to change the border of an element to Hex 71C9C9 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
#71C9C9 }
```

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

```
.border{ border-color:#71C9C9 }
```

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

Here you see how a box with a 4 pixel #71C9C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C9C9; -webkit-box-shadow:4px 4px  
4px 4px #71C9C9; box-shadow:4px 4px 4px  
4px #71C9C9 }
```

Background

The CSS property to change the background color of an element to Hex 71C9C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C9C9 }
```

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

```
.background{ background-color:#71C9C9 }
```

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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