

Converting Colors

CIELCh(73, 39.113, 199.767)

Have a look what the booklet for
CIELCh(73, 39.113, 199.767)
contains.

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Color

CIELCh(73, 39.072, 199.808)

Conversions

Conversions Part 1

Format	Color
Hex	26C6CA
RGB	38, 198, 202
RGB Percent	15%, 78%, 79%
CMY	0.8495, 0.2228, 0.2071
CMYK	0.81, 0.02, 0.00, 0.21
HSL	181°, 68%, 47%
HSV	181°, 81%, 79%
XYZ	31.7317, 45.1644, 63.0358
YIQ	150.6160, -96.6440, -32.6760

Conversions

Conversions Part 2

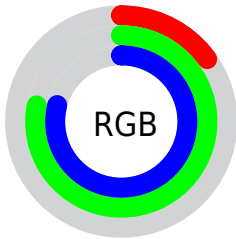
Format	Color
R_{YB}	38, 119, 202
Decimal	2541258
CIE _{Lab}	73.00, -36.76, -13.24
CIE _{LCh}	73, 39.072, 199.808
Yxy	45.1644, 0.2268, 0.3228
Android (android.graphics.Color)	4280731338 (0xFF26C6CA)
YUV	150.6160, 25.3323, -98.7642
Hunter-Lab	67.2044, -33.3262, -8.5692

Details

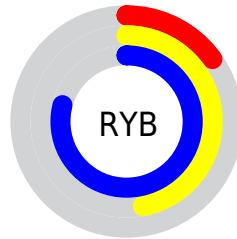
The CIELCh color **73, 39.072, 199.808** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **45, 74.182, 34.957**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.445, 197.005**, and **54, 31.913, 201.756** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.201, 200.028**, and if you desaturate by 10%, it is **73, 37.079, 199.695**.

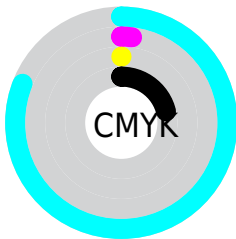
Distribution



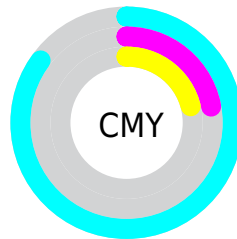
- Red (15%)
- Green (78%)
- Blue (79%)



- Red (15%)
- Yellow (47%)
- Blue (79%)



- Cyan (81%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)




- Cyan (85%)
- Magenta (22%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.072, 199.808 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 CIELCh color 73, 39.072, 199.808 by changing the saturation by 10% instead.

 73, 39.072,
199.808


 73, 39.072,
199.808


 100, 39.072,
199.808


 63, 39.072,
199.808


 93, 39.072,
199.808

 53, 39.072,
199.808

 43, 39.072,
199.808

 33, 39.072,
199.808

 23, 39.072,
199.808

 13, 39.072,
199.808

 3, 39.072, 199.808

0, 39.072, 199.808

73, 39.072,
199.808

73, 39.072,
199.808

73, 40.201,
200.028

73, 37.079,
199.695

72, 40.658,
200.304

74, 34.176,
199.691

75, 30.373,
199.790

76, 25.726,
199.983

77, 20.327,
200.262

78, 14.283,
200.619

■ 80, 7.712, 201.058

■ 81, 0.726, 202.211

■ 83, 6.572, 21.852

Harmonies

Complementary

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



73, 39.072, 199.808



45, 74.182, 34.957

Rectangle

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



73, 39.072, 199.808



73, 39.072, 249.808



73, 39.072, 19.808



73, 39.072, 69.808

Sweetspot

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



73, 39.071, 199.807



96, 19.475, 200.492



71, 93.006, 137.318



50, 13.204, 200.364



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 39.071, 199.807



89, 48.298, 200.256



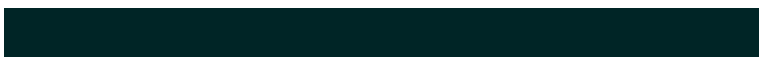
49, 51.020, 277.667



42, 4.018, 201.141



60, 35.094, 200.247



13, 13.153, 199.426

Inverse Universe

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



50, 89.678, 328.878



60, 112.901, 329.204



59, 60.876, 66.227



40, 7.415, 325.593



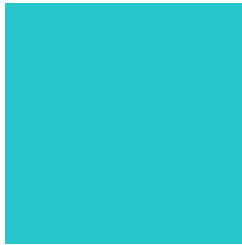
39, 82.140, 329.217



5, 28.482, 328.288

Previews

White Background



This preview shows how the CIELCh color 73, 39.072, 199.808 looks on a white background.

Color Contrast Check

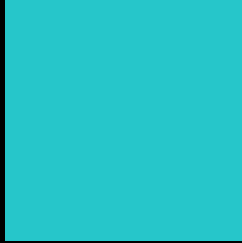
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 39.072, 199.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

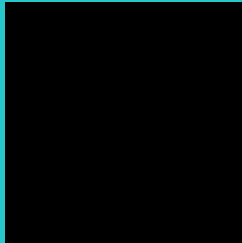
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

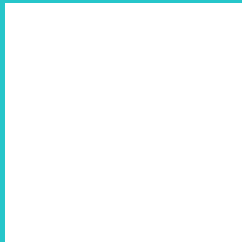
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 39.072, 199.808

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.072, 199.808.

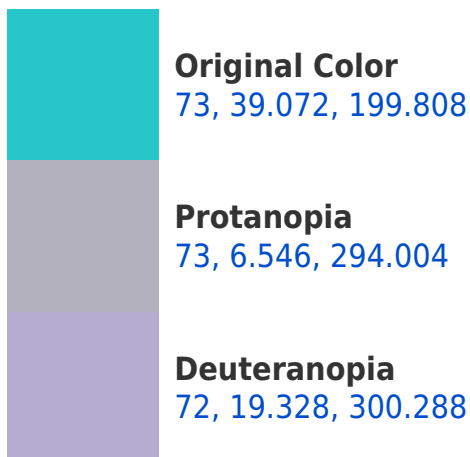


This preview shows how white text looks on a background with the CIELCh color 73, 39.072, 199.808.

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



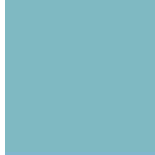


Tritanopia
73, 37.230, 210.515

Trichromacy



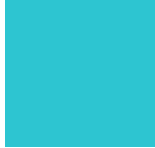
Original Color
73, 39.072, 199.808



Protanomaly
72, 19.565, 212.636



Deuteranomaly
71, 20.974, 237.297



Tritanomaly
73, 37.639, 206.859

Monochromacy



Original Color
73, 39.072, 199.808



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 19.590, 201.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.072, 199.808 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 `rgb(38, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(38, 198, 202)  
}
```

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 rgb(38, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 198, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.072, 199.808 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 rgb(38, 198, 202) }
```

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

```
.border{ border-color:rgb(38, 198, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(38, 198,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.072, 199.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 198, 202) }
```

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

```
.background{ background-color: rgb(38, 198,  
202) }
```

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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