

Converting Colors

CIELCh(71, 39.817, 201.927)

Have a look what the booklet for
CIELCh(71, 39.817, 201.927)
contains.

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Color

CIELCh(71, 39.771, 202.095)

Conversions

Conversions Part 1

Format	Color
Hex	00C1C8
RGB	0, 193, 200
RGB Percent	0%, 76%, 78%
CMY	1.0000, 0.2440, 0.2166
CMYK	1.00, 0.04, 0.00, 0.22
HSL	182°, 100%, 39%
HSV	182°, 100%, 78%
XYZ	29.4006, 42.1875, 61.0946
YIQ	136.0910, -117.2750, -38.7390

Conversions

Conversions Part 2

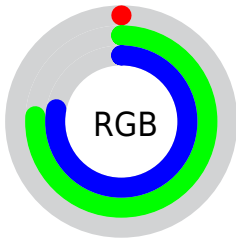
Format	Color
RYB	0, 98, 200
Decimal	49608
CIELab	71.00, -36.85, -14.96
CIElCh	71, 39.771, 202.095
Yxy	42.1875, 0.2216, 0.3180
Android (android.graphics.Color)	4278239688 (0xFF00C1C8)
YUV	136.0910, 31.5071, -119.3518
Hunter-Lab	64.9519, -32.8676, -10.3026

Details

The CIELCh color **71, 39.771, 202.095** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **42, 86.542, 40.334**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 39.931, 200.738**, and **52, 31.055, 204.161** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.734, 202.101**, and if you desaturate by 10%, it is **71, 39.243, 201.633**.

Distribution



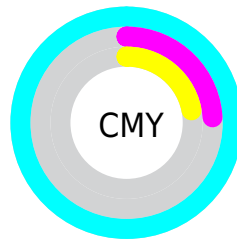
- Red (0%)
- Green (76%)
- Blue (78%)



- Red (0%)
- Yellow (38%)
- Blue (78%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)





- Cyan (100%)
- Magenta (24%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.771, 202.095 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 71, 39.771, 202.095 by changing the saturation by 10% instead.


 71, 39.771,
202.095


 71, 39.771,
202.095


 100, 39.771,
202.095


 61, 39.771,
202.095


 91, 39.771,
202.095

 51, 39.771,
202.095

 41, 39.771,
202.095

 31, 39.771,
202.095

 21, 39.771,
202.095

 11, 39.771,
202.095

 1, 39.771, 202.095

■ 0, 39.771, 202.095

■ 71, 39.771,
202.095

■ 71, 39.771,
202.095

■ 71, 39.734,
202.101

■ 71, 39.243,
201.633

■ 72, 38.081,
201.281

■ 72, 36.058,
201.062

■ 73, 33.134,
200.972

■ 74, 29.328,
201.000

■ 75, 24.700,
201.135

■ 76, 19.342,
201.365

■ 77, 13.365,
201.681

■ 79, 6.880, 202.089

Harmonies

Complementary

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



71, 39.771, 202.095



42, 86.542, 40.334

Rectangle

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



71, 39.771, 202.095



71, 39.771, 252.095



71, 39.771, 22.095



71, 39.771, 72.095

Sweetspot

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



71, 39.734, 202.101



95, 23.541, 201.353



70, 99.071, 136.261



50, 15.780, 201.245



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 39.734, 202.101



89, 47.723, 202.188



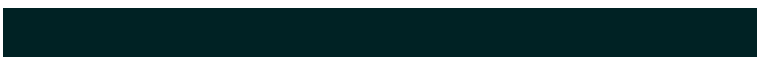
41, 64.541, 287.420



41, 3.894, 202.119



59, 34.220, 202.014



11, 12.504, 200.722

Inverse Universe

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



47, 93.543, 329.683



60, 112.377, 329.705



55, 70.108, 63.193



39, 7.209, 325.886



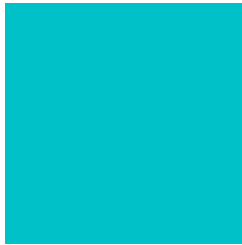
38, 80.540, 329.661



4, 25.955, 328.179

Previews

White Background



This preview shows how the CIELCh color 71, 39.771, 202.095 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 71, 39.771, 202.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

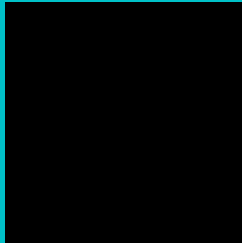
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

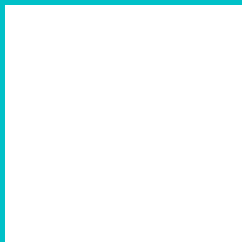
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 39.771, 202.095

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.771, 202.095.

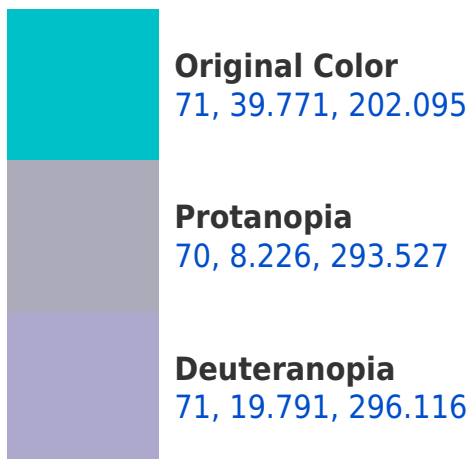


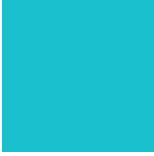
This preview shows how white text looks on a background with the CIELCh color 71, 39.771, 202.095.

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
71, 38.059, 209.314

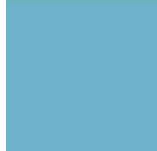
Trichromacy



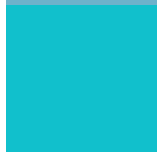
Original Color
71, 39.771, 202.095



Protanomaly
69, 22.932, 214.610



Deuteranomaly
69, 24.445, 232.511

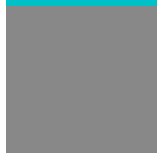


Tritanomaly
71, 38.686, 206.518

Monochromacy



Original Color
71, 39.771, 202.095



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 22.877, 200.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.771, 202.095 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(0, 193, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 200)  
}
```

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(0, 193, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.771, 202.095 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(0, 193, 200) }
```

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

```
.border{ border-color:rgb(0, 193, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.771, 202.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 200) }
```

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

```
.background{ background-color: rgb(0, 193,  
200) }
```

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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