

Converting Colors

CIELCh(64, 101.511, 197.818)

Have a look what the booklet for
CIELCh(64, 101.511, 197.818)
contains.

CIELCh(71, 39.031, 209.780)	3
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Color

CIELCh(71, 39.031, 209.780)

Conversions

Conversions Part 1

Format	Color
Hex	00C0D0
RGB	0, 192, 208
RGB Percent	0%, 75%, 82%
CMY	1.0000, 0.2475, 0.1848
CMYK	1.00, 0.08, 0.00, 0.18
HSL	185°, 100%, 41%
HSV	185°, 100%, 82%
XYZ	30.1831, 42.1875, 66.1453
YIQ	136.4160, -119.5680, -35.7280

Conversions

Conversions Part 2

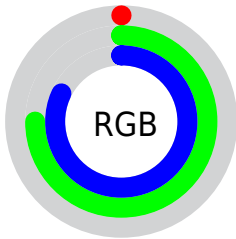
Format	Color
RYB	0, 100, 208
Decimal	49360
CIELab	71.00, -33.88, -19.39
CIELCh	71, 39.031, 209.780
Yxy	42.1875, 0.2179, 0.3046
Android (android.graphics.Color)	4278239440 (0xFF00C0D0)
YUV	136.4160, 35.2909, -119.6368
Hunter-Lab	64.9519, -30.7171, -14.9131

Details

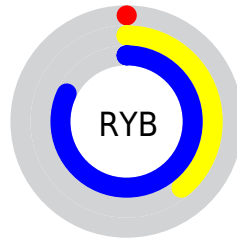
The CIELCh color **71, 39.031, 209.780** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **44, 88.573, 40.747**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 39.483, 201.574**, and **52, 30.573, 214.687** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.012, 209.786**, and if you desaturate by 10%, it is **72, 38.642, 208.565**.

Distribution



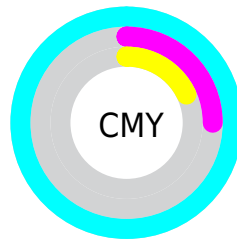
- Red (0%)
- Green (75%)
- Blue (82%)



- Red (0%)
- Yellow (39%)
- Blue (82%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)





- Cyan (100%)
- Magenta (25%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.031, 209.780 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, 39.031, 209.780 by changing the saturation by 10% instead.


 71, 39.031,
209.780


 71, 39.031,
209.780


 100, 39.031,
209.780


 61, 39.031,
209.780


 91, 39.031,
209.780

 51, 39.031,
209.780

 41, 39.031,
209.780

 31, 39.031,
209.780

 21, 39.031,
209.780

 11, 39.031,
209.780

 1, 39.031, 209.780

0, 39.031, 209.780

71, 39.031,
209.780

71, 39.031,
209.780

71, 39.012,
209.786

72, 38.642,
208.565

72, 37.586,
207.572

73, 35.653,
206.827

74, 32.804,
206.307

75, 29.060,
205.982

77, 24.488,
205.825

■ 78, 19.185,
205.811

■ 80, 13.261,
205.920

■ 82, 6.830, 206.150

Harmonies

Complementary

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



71, 39.031, 209.780



44, 88.573, 40.747

Rectangle

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



71, 39.031, 209.780



71, 39.031, 259.780



71, 39.031, 29.780



71, 39.031, 79.780

Sweetspot

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



71, 39.012, 209.786



94, 22.613, 205.810



73, 101.487, 136.495



49, 15.156, 205.801



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, 39.012, 209.786



85, 45.470, 209.962



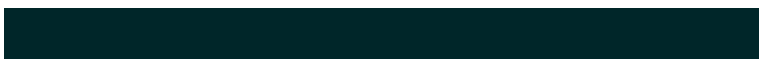
41, 71.068, 290.291



43, 3.900, 206.169



58, 33.376, 209.569



13, 12.961, 206.790

Inverse Universe

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



49, 93.217, 331.582



59, 108.666, 331.625



58, 71.525, 66.043



41, 7.299, 327.095



39, 79.733, 331.528



5, 29.337, 330.465

Previews

White Background



This preview shows how the CIE LCh color 71, 39.031, 209.780 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, 39.031, 209.780 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, 39.031, 209.780

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.031, 209.780.

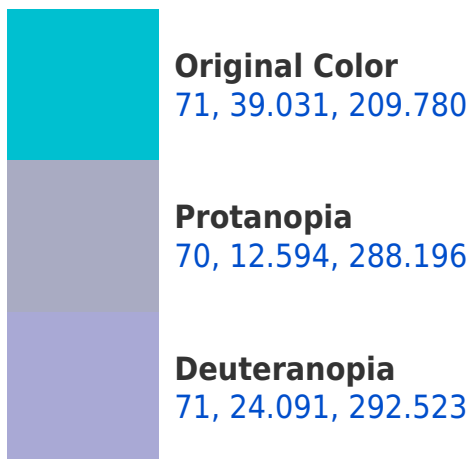


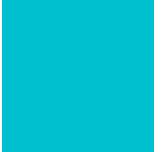
This preview shows how white text looks on a background with the CIELCh color 71, 39.031, 209.780.

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



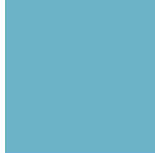


Tritanopia
71, 39.031, 209.780

Trichromacy



Original Color
71, 39.031, 209.780



Protanomaly
69, 24.106, 225.225



Deuteranomaly
69, 27.055, 242.272



Tritanomaly
71, 39.031, 209.780

Monochromacy



Original Color
71, 39.031, 209.780



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 22.448, 206.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.031, 209.780 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, 192, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 208)  
}
```

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, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.031, 209.780 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, 192, 208) }
```

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

```
.border{ border-color:rgb(0, 192, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.031, 209.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 208) }
```

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

```
.background{ background-color: rgb(0, 192,  
208) }
```

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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