

Converting Colors

CIELCh(70, 44.755, 208.765)

Have a look what the booklet for
CIELCh(70, 44.755, 208.765)
contains.

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Color

CIELCh(71, 38.834, 211.581)

Conversions

Conversions Part 1

Format	Color
Hex	03C0D2
RGB	3, 192, 210
RGB Percent	1%, 75%, 82%
CMY	0.9863, 0.2486, 0.1780
CMYK	0.98, 0.09, 0.00, 0.18
HSL	185°, 97%, 42%
HSV	185°, 98%, 82%
XYZ	30.3943, 42.1875, 67.2668
YIQ	137.5410, -118.4220, -34.4700

Conversions

Conversions Part 2

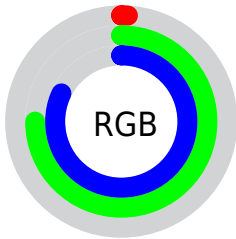
Format	Color
RYB	3, 102, 210
Decimal	245970
CIELab	71.00, -33.08, -20.34
CIELCh	71, 38.834, 211.581
Yxy	42.1875, 0.2173, 0.3017
Android (android.graphics.Color)	4278436050 (0xFF03C0D2)
YUV	137.5410, 35.7223, -117.9925
Hunter-Lab	64.9519, -30.1367, -15.9368

Details

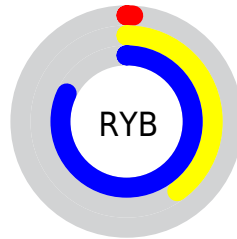
The CIELCh color **71, 38.834, 211.581** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **45, 87.938, 40.538**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 39.310, 201.604**, and **52, 30.627, 217.025** is the 20% darker color. If you saturate the color by 10%, you get **71, 38.879, 211.824**, and if you desaturate by 10%, it is **72, 38.402, 210.181**.

Distribution



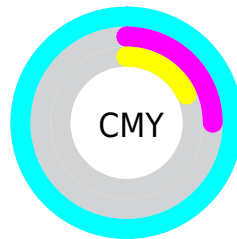
- Red (1%)
- Green (75%)
- Blue (82%)



- Red (1%)
- Yellow (40%)
- Blue (82%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)





- Cyan (99%)
- Magenta (25%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.834, 211.581 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, 38.834, 211.581 by changing the saturation by 10% instead.


 71, 38.834,
211.581


 71, 38.834,
211.581


 100, 38.834,
211.581


 61, 38.834,
211.581


 91, 38.834,
211.581

 51, 38.834,
211.581

 41, 38.834,
211.581

 31, 38.834,
211.581

 21, 38.834,
211.581

 11, 38.834,
211.581

 1, 38.834, 211.581

■ 0, 38.834, 211.581

■ 71, 38.834,
211.581

■ 71, 38.834,
211.581

■ 71, 38.879,
211.824

■ 72, 38.402,
210.181

■ 72, 37.219,
209.062

■ 73, 35.146,
208.218

■ 75, 32.157,
207.619

■ 76, 28.282,
207.232

■ 77, 23.594,
207.025

■ 79, 18.194,
206.970

■ 81, 12.193,
207.044

■ 82, 5.705, 207.254

Harmonies

Complementary

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



71, 38.834, 211.581



45, 87.938, 40.538

Rectangle

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



71, 38.834, 211.581



71, 38.834, 261.581



71, 38.834, 31.581



71, 38.834, 81.581

Sweetspot

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



71, 38.833, 211.580



93, 22.404, 206.970



74, 101.277, 136.746



49, 15.016, 206.988



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, 38.833, 211.580



85, 45.032, 212.019



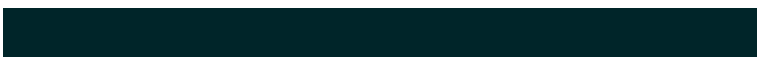
41, 72.474, 290.944



43, 3.864, 207.222



58, 33.056, 211.562



13, 12.847, 208.336

Inverse Universe

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



49, 92.827, 332.011



59, 107.767, 332.128



60, 71.072, 67.978



41, 7.247, 327.405



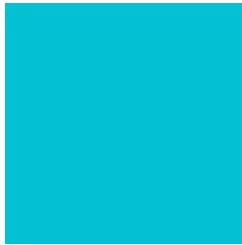
39, 79.090, 332.017



5, 29.103, 330.854

Previews

White Background



This preview shows how the CIE LCh color 71, 38.834, 211.581 looks on a white background.

Color Contrast Check

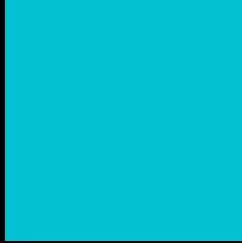
Large Text (above 18pt) WCAG AA × Fail

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, 38.834, 211.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

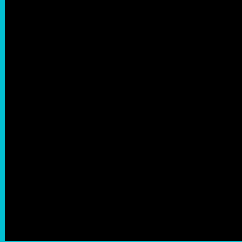
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 38.834, 211.581

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.834, 211.581.

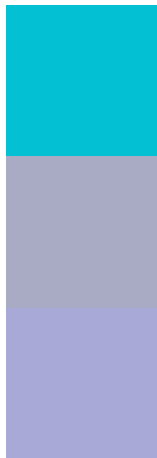


This preview shows how white text looks on a background with the CIELCh color 71, 38.834, 211.581.

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



Original Color

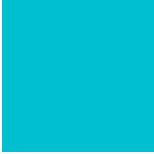
71, 38.905, 211.542

Protanopia

71, 13.685, 288.574

Deuteranopia

71, 25.179, 291.865

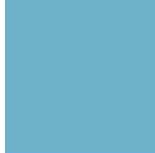


Tritanopia
71, 39.065, 208.919

Trichromacy



Original Color
71, 38.905, 211.542



Protanomaly
69, 24.223, 229.699



Deuteranomaly
69, 27.681, 244.266



Tritanomaly
71, 39.003, 209.791

Monochromacy



Original Color
71, 38.905, 211.542



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 22.453, 206.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.834, 211.581 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(3, 192, 210)` looks like.

```
.text, #text, p{  
    color:rgb(3, 192, 210)  
}
```

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(3, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 192, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.834, 211.581 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(3, 192, 210) }
```

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

```
.border{ border-color:rgb(3, 192, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(3, 192,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.834, 211.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 192, 210) }
```

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

```
.background{ background-color: rgb(3, 192,  
210) }
```

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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