

Converting Colors

CIELCh(70, 43.246, 205.203)

Have a look what the booklet for
CIELCh(70, 43.246, 205.203)
contains.

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Color

CIELCh(71, 39.057, 206.399)

Conversions

Conversions Part 1

Format	Color
Hex	06C0CC
RGB	6, 192, 204
RGB Percent	2%, 75%, 80%
CMY	0.9746, 0.2463, 0.1993
CMYK	0.97, 0.06, 0.00, 0.20
HSL	184°, 94%, 41%
HSV	184°, 97%, 80%
XYZ	29.8900, 42.1875, 63.8069
YIQ	137.7540, -114.7080, -35.7000

Conversions

Conversions Part 2

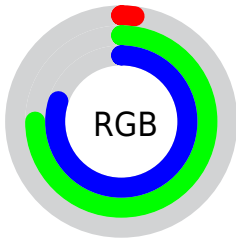
Format	Color
RYB	6, 102, 204
Decimal	442572
CIELab	71.00, -34.98, -17.37
CIELCh	71, 39.057, 206.399
Yxy	42.1875, 0.2200, 0.3105
Android (android.graphics.Color)	4278632652 (0xFF06C0CC)
YUV	137.7540, 32.6593, -115.5483
Hunter-Lab	64.9519, -31.5225, -12.7785

Details

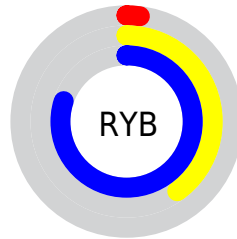
The CIELCh color **71, 39.057, 206.399** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **43, 85.797, 39.847**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 39.310, 201.604**, and **52, 30.600, 210.006** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.157, 206.695**, and if you desaturate by 10%, it is **72, 38.497, 205.529**.

Distribution



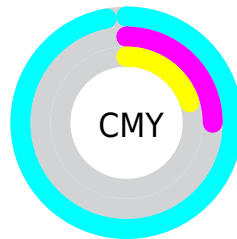
- Red (2%)
- Green (75%)
- Blue (80%)



- Red (2%)
- Yellow (40%)
- Blue (80%)



- Cyan (97%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)





- Cyan (97%)
- Magenta (25%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.057, 206.399 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, 39.057, 206.399 by changing the saturation by 10% instead.


 71, 39.057,
206.399


 71, 39.057,
206.399


 100, 39.057,
206.399


 61, 39.057,
206.399


 91, 39.057,
206.399

 51, 39.057,
206.399

 41, 39.057,
206.399

 31, 39.057,
206.399

 21, 39.057,
206.399

 11, 39.057,
206.399

 1, 39.057, 206.399

0, 39.057, 206.399

71, 39.057,
206.399

71, 39.057,
206.399

71, 39.157,
206.695

72, 38.497,
205.529

72, 37.143,
204.863

73, 34.899,
204.394

74, 31.745,
204.102

75, 27.719,
203.968

76, 22.896,
203.971

■ 78, 17.377,
204.092

■ 79, 11.274,
204.316

■ 81, 4.701, 204.671

Harmonies

Complementary

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



71, 39.057, 206.399



43, 85.797, 39.847

Rectangle

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



71, 39.057, 206.399



71, 39.057, 256.399



71, 39.057, 26.399



71, 39.057, 76.399

Sweetspot

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



71, 39.056, 206.398



94, 22.281, 204.051



72, 99.648, 136.511



49, 15.022, 203.997



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, 39.056, 206.398



87, 46.256, 206.841



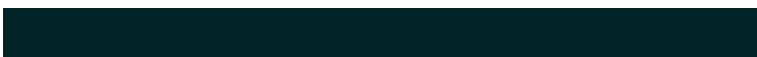
42, 65.560, 287.618



42, 3.879, 204.559



58, 33.569, 206.530



12, 12.678, 204.289

Inverse Universe

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



48, 92.712, 330.728



59, 110.091, 330.858



57, 69.586, 65.432



40, 7.233, 326.617



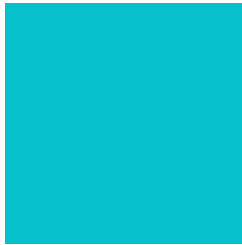
39, 79.850, 330.782



5, 27.659, 329.543

Previews

White Background



This preview shows how the CIELCh color 71, 39.057, 206.399 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, 39.057, 206.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

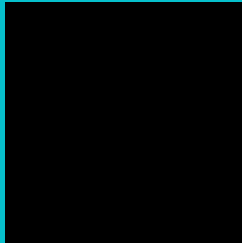
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 39.057, 206.399

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.057, 206.399.

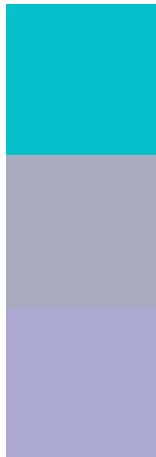


This preview shows how white text looks on a background with the CIELCh color 71, 39.057, 206.399.

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

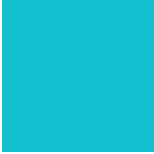
71, 39.041, 206.404

Protanopia

70, 10.946, 289.391

Deuteranopia

71, 21.929, 294.099

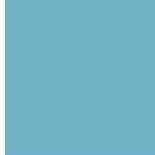


Tritanopia
71, 38.465, 209.152

Trichromacy



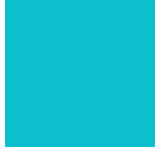
Original Color
71, 39.041, 206.404



Protanomaly
69, 22.968, 222.070



Deuteranomaly
69, 25.335, 239.123



Tritanomaly
71, 38.699, 208.209

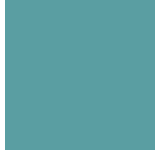
Monochromacy



Original Color
71, 39.041, 206.404



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 22.257, 203.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.057, 206.399 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(6, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(6, 192, 204)  
}
```

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(6, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 192, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.057, 206.399 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(6, 192, 204) }
```

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

```
.border{ border-color:rgb(6, 192, 204) }
```

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

Here you see how a box with a 4 pixel rgb(6, 192, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(6, 192,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.057, 206.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 192, 204) }
```

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

```
.background{ background-color: rgb(6, 192,  
204) }
```

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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