

Converting Colors

CIELCh(71, 39.164, 205.931)

Have a look what the booklet for
CIELCh(71, 39.164, 205.931)
contains.

CIELCh(71, 39.099, 206.385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 39.099, 206.385)

Conversions

Conversions Part 1

Format	Color
Hex	05C0CC
RGB	5, 192, 204
RGB Percent	2%, 75%, 80%
CMY	0.9799, 0.2463, 0.1992
CMYK	0.97, 0.06, 0.00, 0.20
HSL	184°, 95%, 41%
HSV	184°, 97%, 80%
XYZ	29.8790, 42.1875, 63.8185
YIQ	137.4550, -115.3040, -35.9120

Conversions

Conversions Part 2

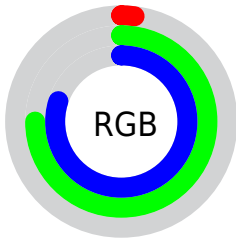
Format	Color
RYB	5, 101, 204
Decimal	377036
CIELab	71.00, -35.03, -17.38
CIELCh	71, 39.099, 206.385
Yxy	42.1875, 0.2199, 0.3105
Android (android.graphics.Color)	4278567116 (0xFF05C0CC)
YUV	137.4550, 32.8067, -116.1630
Hunter-Lab	64.9519, -31.5528, -12.7891

Details

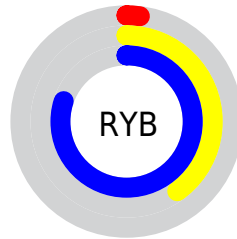
The CIELCh color **71, 39.099, 206.385** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **43, 86.194, 39.977**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 39.483, 201.574**, and **52, 30.600, 210.006** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.178, 206.616**, and if you desaturate by 10%, it is **71, 38.577, 205.512**.

Distribution



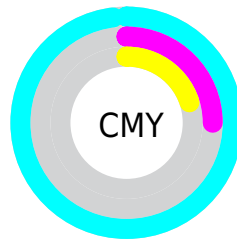
- Red (2%)
- Green (75%)
- Blue (80%)



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



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





- Cyan (98%)
- Magenta (25%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.099, 206.385 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, 39.099, 206.385 by changing the saturation by 10% instead.


 71, 39.099,
206.385


 71, 39.099,
206.385


 100, 39.099,
206.385


 61, 39.099,
206.385


 91, 39.099,
206.385

 51, 39.099,
206.385

 41, 39.099,
206.385

 31, 39.099,
206.385

 21, 39.099,
206.385

 11, 39.099,
206.385

 1, 39.099, 206.385

■ 0, 39.099, 206.385

■ 71, 39.099,
206.385

■ 71, 39.099,
206.385

■ 71, 39.178,
206.616

■ 71, 38.577,
205.512

■ 72, 37.280,
204.838

■ 73, 35.095,
204.362

■ 74, 32.000,
204.063

■ 75, 28.028,
203.923

■ 76, 23.253,
203.920

■ 77, 17.775,
204.035

■ 79, 11.705,
204.255

■ 81, 5.157, 204.598

Harmonies

Complementary

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



71, 39.099, 206.385



43, 86.194, 39.977

Rectangle

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



71, 39.099, 206.385



71, 39.099, 256.385



71, 39.099, 26.385



71, 39.099, 76.385

Sweetspot

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



71, 39.098, 206.384



94, 22.290, 204.005



72, 99.835, 136.475



49, 15.028, 203.950



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, 39.098, 206.384



87, 46.278, 206.761



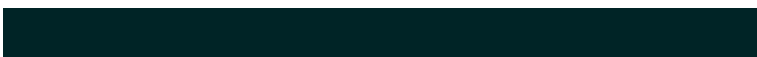
42, 66.047, 287.896



42, 3.881, 204.517



58, 33.584, 206.453



12, 12.683, 204.229

Inverse Universe

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



48, 92.845, 330.729



59, 110.129, 330.839



57, 69.858, 65.250



40, 7.235, 326.605



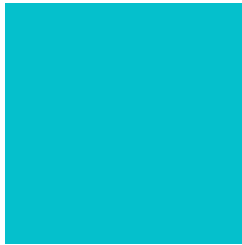
39, 79.877, 330.763



5, 27.668, 329.528

Previews

White Background



This preview shows how the CIELCh color 71, 39.099, 206.385 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, 39.099, 206.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

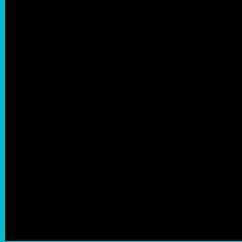
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 39.099, 206.385

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.099, 206.385.

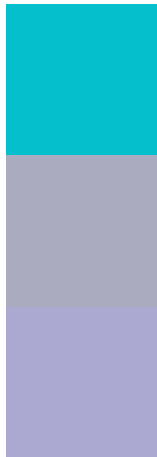


This preview shows how white text looks on a background with the CIELCh color 71, 39.099, 206.385.

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

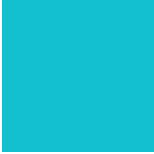
71, 39.070, 206.395

Protanopia

70, 10.946, 289.391

Deuteranopia

71, 21.929, 294.099

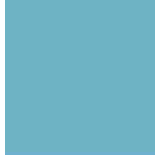


Tritanopia
71, 38.465, 209.152

Trichromacy



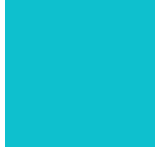
Original Color
71, 39.070, 206.395



Protanomaly
69, 23.203, 221.795



Deuteranomaly
69, 25.335, 239.123



Tritanomaly
71, 38.699, 208.209

Monochromacy



Original Color
71, 39.070, 206.395



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, 39.099, 206.385 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(5, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(5, 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(5, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 192, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.099, 206.385 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(5, 192, 204) }
```

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

```
.border{ border-color:rgb(5, 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(5, 192, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(5, 192,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.099, 206.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 192, 204) }
```

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

```
.background{ background-color: rgb(5, 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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