

Converting Colors

CIELCh(71, 39.150, 224.813)

Have a look what the booklet for
CIELCh(71, 39.150, 224.813)
contains.

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Color

CIELCh(71, 39.150, 224.813)

Conversions

Conversions Part 1

Format	Color
Hex	0ABEDF
RGB	10, 190, 223
RGB Percent	4%, 75%, 87%
CMY	0.9619, 0.2551, 0.1257
CMYK	0.96, 0.15, 0.00, 0.13
HSL	189°, 92%, 46%
HSV	189°, 96%, 87%
XYZ	31.8322, 42.1875, 76.2335
YIQ	139.9420, -117.8730, -27.8970

Conversions

Conversions Part 2

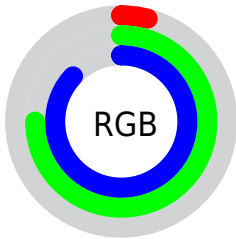
Format	Color
RYB	10, 108, 223
Decimal	704223
CIELab	71.00, -27.77, -27.59
CIELCh	71, 39.150, 224.813
Yxy	42.1875, 0.2119, 0.2808
Android (android.graphics.Color)	4278894303 (0xFF0ABEDF)
YUV	139.9420, 40.9476, -113.9591
Hunter-Lab	64.9519, -26.1849, -24.1218

Details

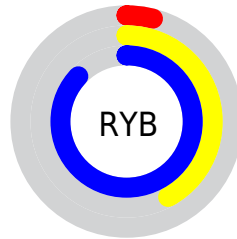
The CIELCh color **71, 39.150, 224.813** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **49, 88.662, 41.720**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 38.246, 203.386**, and **52, 31.997, 233.195** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.346, 226.099**, and if you desaturate by 10%, it is **72, 38.403, 222.110**.

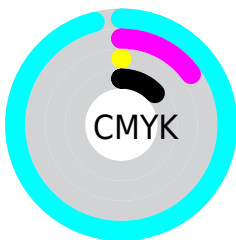
Distribution



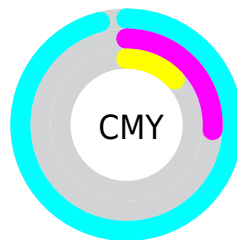
- Red (4%)
- Green (75%)
- Blue (87%)



- Red (4%)
- Yellow (42%)
- Blue (87%)



- Cyan (96%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)





- Cyan (96%)
- Magenta (26%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.150, 224.813 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, 39.150, 224.813 by changing the saturation by 10% instead.


 71, 39.150,
224.813


 71, 39.150,
224.813


 100, 39.150,
224.813


 61, 39.150,
224.813


 91, 39.150,
224.813

 51, 39.150,
224.813

 41, 39.150,
224.813

 31, 39.150,
224.813

 21, 39.150,
224.813

 11, 39.150,
224.813

 1, 39.150, 224.813

0, 39.150, 224.813

71, 39.150,
224.813

71, 39.150,
224.813

71, 39.346,
226.099

72, 38.403,
222.110

74, 36.885,
219.932

75, 34.494,
218.229

77, 31.209,
216.933

79, 27.072,
215.978

81, 22.164,
215.302

■ 83, 16.588,
214.853

■ 85, 10.455,
214.593

■ 87, 3.874, 214.550

Harmonies

Complementary

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



71, 39.150, 224.813



49, 88.662, 41.720

Rectangle

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



71, 39.150, 224.813



71, 39.150, 274.813



71, 39.150, 44.813



71, 39.150, 94.813

Sweetspot

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



71, 39.149, 224.813



92, 20.644, 214.990



78, 102.683, 137.958



48, 13.924, 215.189



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, 39.149, 224.813



80, 43.546, 226.354



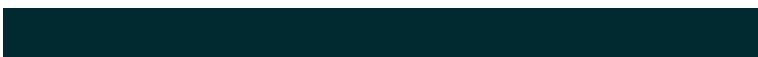
41, 83.045, 294.576



46, 3.882, 214.528



57, 32.978, 225.571



14, 13.640, 220.201

Inverse Universe

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



51, 92.061, 335.283



58, 102.164, 335.696



67, 73.325, 74.793



44, 7.327, 329.539



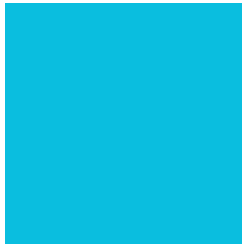
40, 77.557, 335.495



7, 32.357, 334.127

Previews

White Background



This preview shows how the CIE LCh color 71, 39.150, 224.813 looks on a white background.

Color Contrast Check

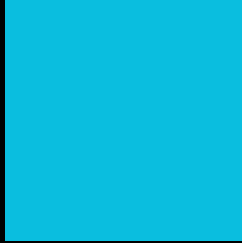
Large Text (above 18pt) WCAG AA × Fail

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, 39.150, 224.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

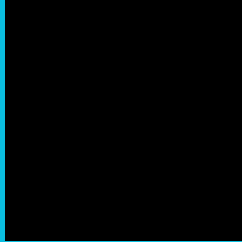
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 39.150, 224.813

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.150, 224.813.

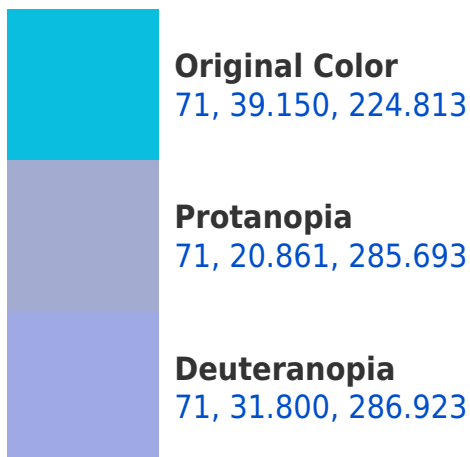


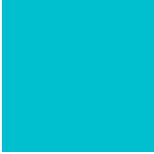
This preview shows how white text looks on a background with the CIELCh color 71, 39.150, 224.813.

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, 39.065, 208.919

Trichromacy



Original Color
71, 39.150, 224.813



Protanomaly
69, 27.842, 243.853



Deuteranomaly
69, 32.747, 254.239



Tritanomaly
71, 38.738, 215.112

Monochromacy



Original Color
71, 39.150, 224.813



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 21.664, 216.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.150, 224.813 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(10, 190, 223)` looks like.

```
.text, #text, p{  
    color:rgb(10, 190, 223)  
}
```

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(10, 190, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 190, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.150, 224.813 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(10, 190, 223) }
```

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

```
.border{ border-color:rgb(10, 190, 223) }
```

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

Here you see how a box with a 4 pixel rgb(10, 190, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 190, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 190, 223);  
box-shadow:4px 4px 4px 4px rgb(10, 190,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.150, 224.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 190, 223) }
```

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

```
.background{ background-color: rgb(10, 190,  
223) }
```

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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