

Converting Colors

CIELCh(67, 64.572, 212.922)

Have a look what the booklet for
CIELCh(67, 64.572, 212.922)
contains.

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Color

CIELCh(71, 39.617, 226.293)

Conversions

Conversions Part 1

Format	Color
Hex	00BEE1
RGB	0, 190, 225
RGB Percent	0%, 75%, 88%
CMY	1.0000, 0.2555, 0.1182
CMYK	1.00, 0.16, 0.00, 0.12
HSL	189°, 100%, 44%
HSV	189°, 100%, 88%
XYZ	31.9422, 42.1875, 77.5881
YIQ	137.1800, -124.4750, -29.3950

Conversions

Conversions Part 2

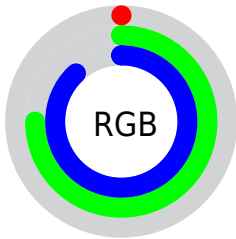
Format	Color
RYB	0, 103, 225
Decimal	48865
CIELab	71.00, -27.37, -28.64
CIELCh	71, 39.617, 226.293
Yxy	42.1875, 0.2105, 0.2781
Android (android.graphics.Color)	4278238945 (0xFF00BEE1)
YUV	137.1800, 43.2953, -120.3069
Hunter-Lab	64.9519, -25.8828, -25.3583

Details

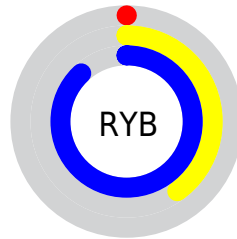
The CIELCh color **71, 39.617, 226.293** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **48, 92.121, 42.040**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 38.425, 203.346**, and **52, 32.407, 235.301** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.597, 226.309**, and if you desaturate by 10%, it is **72, 39.059, 223.409**.

Distribution



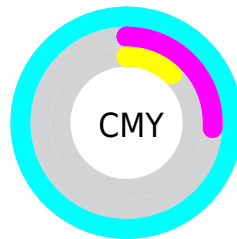
- Red (0%)
- Green (75%)
- Blue (88%)



- Red (0%)
- Yellow (40%)
- Blue (88%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)





- Cyan (100%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.617, 226.293 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, 39.617, 226.293 by changing the saturation by 10% instead.


 71, 39.617,
226.293

 71, 39.617,
226.293


 100, 39.617,
226.293


 61, 39.617,
226.293


 91, 39.617,
226.293

 51, 39.617,
226.293

 41, 39.617,
226.293

 31, 39.617,
226.293

 21, 39.617,
226.293

 11, 39.617,
226.293

 1, 39.617, 226.293

■ 0, 39.617, 226.293

■ 71, 39.617,
226.293

■ 71, 39.617,
226.293

■ 71, 39.597,
226.309

■ 72, 39.059,
223.409

■ 73, 37.887,
220.986

■ 75, 35.871,
219.067

■ 77, 32.956,
217.589

■ 78, 29.159,
216.483

■ 80, 24.546,
215.684

■ 82, 19.214,
215.135

■ 85, 13.273,
214.790

■ 87, 6.834, 214.630

Harmonies

Complementary

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



71, 39.617, 226.293



48, 92.121, 42.040

Rectangle

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



71, 39.617, 226.293



71, 39.617, 276.293



71, 39.617, 46.293



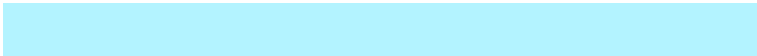
71, 39.617, 96.293

Sweetspot

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



71, 39.597, 226.309



92, 21.261, 215.144



78, 105.205, 137.447



48, 14.257, 215.352



0, 0.000, 0.000



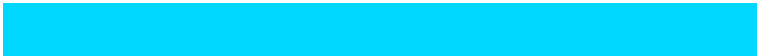
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 39.597, 226.309



80, 43.544, 226.548



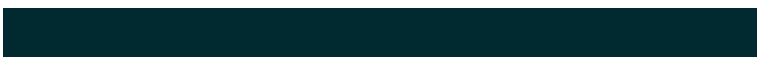
40, 87.759, 296.126



46, 3.880, 214.628



57, 32.974, 225.760



14, 13.636, 220.356

Inverse Universe

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



51, 92.912, 335.685



58, 102.094, 335.746



67, 75.014, 73.651



44, 7.323, 329.568



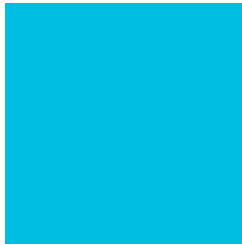
40, 77.505, 335.544



7, 32.338, 334.166

Previews

White Background



This preview shows how the CIE LCh color 71, 39.617, 226.293 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, 39.617, 226.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

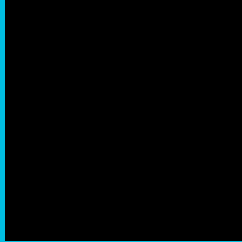
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 39.617, 226.293

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.617, 226.293.

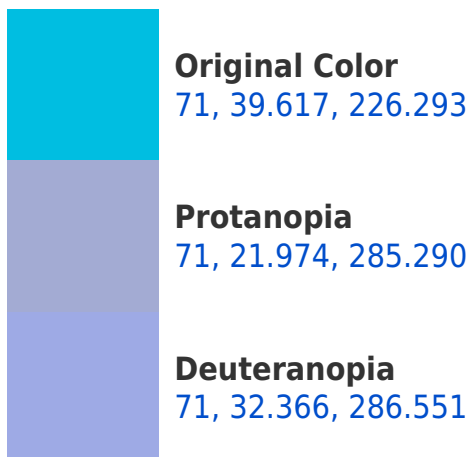


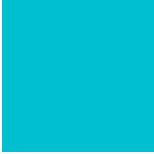
This preview shows how white text looks on a background with the CIELCh color 71, 39.617, 226.293.

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



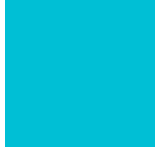
Original Color
71, 39.617, 226.293



Protanomaly
69, 29.123, 244.388



Deuteranomaly
69, 33.626, 253.713



Tritanomaly
71, 38.844, 215.053

Monochromacy



Original Color
71, 39.617, 226.293



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 22.688, 216.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.617, 226.293 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, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 225)  
}
```

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, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.617, 226.293 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, 190, 225) }
```

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

```
.border{ border-color:rgb(0, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.617, 226.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 225) }
```

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

```
.background{ background-color: rgb(0, 190,  
225) }
```

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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