

Converting Colors

CIELCh(69, 53.411, 216.048)

Have a look what the booklet for
CIELCh(69, 53.411, 216.048)
contains.

CIELCh(71, 39.526, 224.480)	3
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Color

CIELCh(71, 39.526, 224.480)

Conversions

Conversions Part 1

Format	Color
Hex	00BEDF
RGB	0, 190, 223
RGB Percent	0%, 75%, 87%
CMY	1.0000, 0.2544, 0.1250
CMYK	1.00, 0.15, 0.00, 0.13
HSL	189°, 100%, 44%
HSV	189°, 100%, 87%
XYZ	31.7146, 42.1875, 76.3643
YIQ	136.9520, -123.8330, -30.0170

Conversions

Conversions Part 2

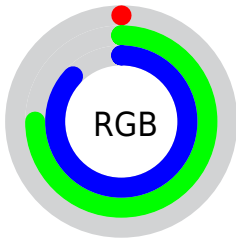
Format	Color
R _{YB}	0, 103, 223
Decimal	48863
CIE _{Lab}	71.00, -28.20, -27.69
CIE _{LCh}	71, 39.526, 224.480
Yxy	42.1875, 0.2111, 0.2808
Android (android.graphics.Color)	4278238943 (0xFF00BEDF)
YUV	136.9520, 42.4217, -120.1069
Hunter-Lab	64.9519, -26.5081, -24.2413

Details

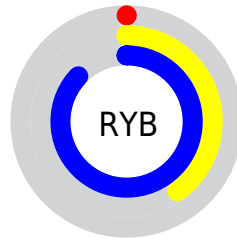
The CIELCh color **71, 39.526, 224.480** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **48, 91.807, 41.876**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 38.602, 203.307**, and **52, 31.997, 233.195** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.405, 224.577**, and if you desaturate by 10%, it is **72, 38.913, 221.848**.

Distribution



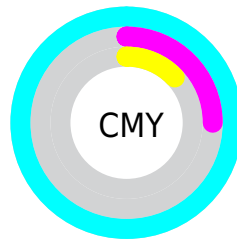
- Red (0%)
- Green (75%)
- Blue (87%)



- Red (0%)
- Yellow (40%)
- Blue (87%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)





- Cyan (100%)
- Magenta (25%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.526, 224.480 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, 39.526, 224.480 by changing the saturation by 10% instead.


 71, 39.526,
224.480


 71, 39.526,
224.480


 100, 39.526,
224.480


 61, 39.526,
224.480


 91, 39.526,
224.480

 51, 39.526,
224.480

 41, 39.526,
224.480

 31, 39.526,
224.480

 21, 39.526,
224.480

 11, 39.526,
224.480

 1, 39.526, 224.480

■ 0, 39.526, 224.480

■ 71, 39.526,
224.480

■ 71, 39.526,
224.480

■ 71, 39.405,
224.577

■ 72, 38.913,
221.848

■ 73, 37.776,
219.573

■ 75, 35.787,
217.777

■ 76, 32.893,
216.400

■ 78, 29.113,
215.377

■ 80, 24.514,
214.645

■ 82, 19.193,
214.153

■ 84, 13.260,
213.857

■ 86, 6.828, 213.738

Harmonies

Complementary

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



71, 39.526, 224.480



48, 91.807, 41.876

Rectangle

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



71, 39.526, 224.480



71, 39.526, 274.480



71, 39.526, 44.480



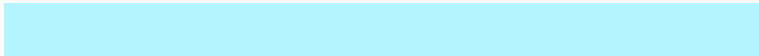
71, 39.526, 94.480

Sweetspot

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



71, 39.405, 224.577



92, 21.370, 214.162



78, 105.206, 137.204



48, 14.329, 214.347



0, 0.000, 0.000



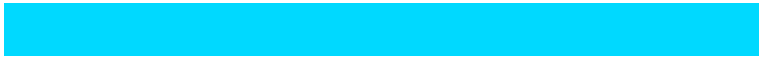
53, 0.007, 296.813

Same Dimension

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



71, 39.405, 224.577



80, 43.582, 224.818



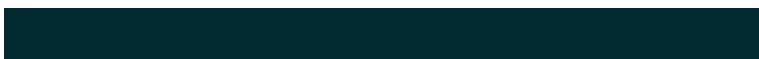
40, 84.823, 295.109



46, 3.901, 213.738



57, 33.014, 224.074



15, 13.677, 218.982

Inverse Universe

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



51, 92.940, 335.242



58, 102.721, 335.303



66, 74.623, 72.080



44, 7.363, 329.309



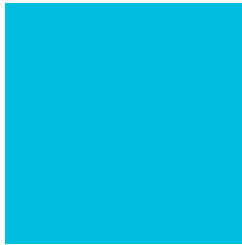
40, 77.971, 335.115



7, 32.511, 333.824

Previews

White Background



This preview shows how the CIE LCh color 71, 39.526, 224.480 looks on a white background.

Color Contrast Check

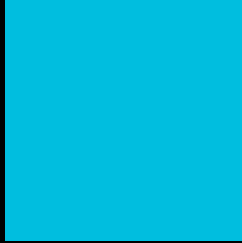
Large Text (above 18pt) WCAG AA × Fail

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, 39.526, 224.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

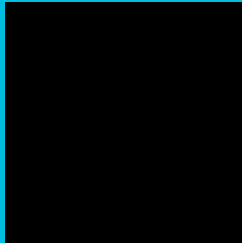
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 39.526, 224.480

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.526, 224.480.



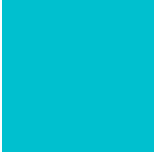
This preview shows how white text looks on a background with the CIELCh color 71, 39.526, 224.480.

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, 39.389, 224.616



Protanomaly
69, 28.808, 243.445



Deuteranomaly
69, 33.247, 252.981



Tritanomaly
71, 38.844, 215.053

Monochromacy



Original Color
71, 39.389, 224.616



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 22.612, 215.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.526, 224.480 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 190, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.526, 224.480 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, 223) }
```

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

```
.border{ border-color:rgb(0, 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(0, 190, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 223);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.526, 224.480 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, 223) }
```

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

```
.background{ background-color: rgb(0, 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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