

Converting Colors

CIELCh(71, 39.581, 230.643)

Have a look what the booklet for
CIELCh(71, 39.581, 230.643)
contains.

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Color

CIELCh(71, 39.487, 230.284)

Conversions

Conversions Part 1

Format	Color
Hex	15BDE4
RGB	21, 189, 228
RGB Percent	8%, 74%, 89%
CMY	0.9167, 0.2586, 0.1056
CMYK	0.91, 0.17, 0.00, 0.11
HSL	191°, 83%, 49%
HSV	191°, 91%, 89%
XYZ	32.5365, 42.1875, 79.8718
YIQ	143.2140, -112.6470, -23.4870

Conversions

Conversions Part 2

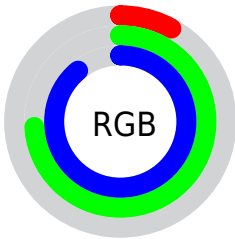
Format	Color
<code>RYP</code>	<code>21, 114, 228</code>
Decimal	<code>1424868</code>
CIELab	<code>71.00, -25.23, -30.37</code>
CIElCh	<code>71, 39.487, 230.284</code>
Yxy	<code>42.1875, 0.2105, 0.2729</code>
Android (<code>android.graphics.Color</code>)	<code>4279614948 (0xFF15BDE4)</code>
YUV	<code>143.2140, 41.7995, -107.1817</code>
Hunter-Lab	<code>64.9519, -24.2495, -27.4430</code>

Details

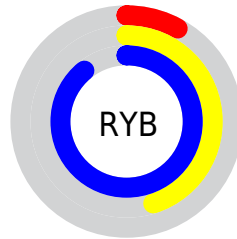
The CIELCh color **71, 39.487, 230.284** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **52, 85.255, 42.691**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 37.197, 205.274**, and **52, 32.976, 238.607** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.225, 233.632**, and if you desaturate by 10%, it is **73, 38.164, 227.218**.

Distribution



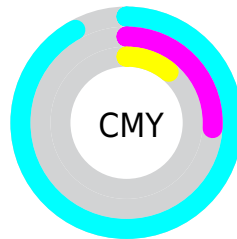
- Red (8%)
- Green (74%)
- Blue (89%)



- Red (8%)
- Yellow (45%)
- Blue (89%)



- Cyan (91%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (92%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.487, 230.284 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, 39.487, 230.284 by changing the saturation by 10% instead.


 71, 39.487,
230.284

 71, 39.487,
230.284


 100, 39.487,
230.284


 61, 39.487,
230.284


 91, 39.487,
230.284

 51, 39.487,
230.284

 41, 39.487,
230.284

 31, 39.487,
230.284

 21, 39.487,
230.284

 11, 39.487,
230.284

 1, 39.487, 230.284

0, 39.487, 230.284

71, 39.487,
230.284

71, 39.487,
230.284

70, 40.225,
233.632

73, 38.164,
227.218

74, 36.065,
224.753

76, 33.116,
222.821

78, 29.322,
221.339

80, 24.739,
220.228

83, 19.458,
219.419

■ 85, 13.583,
218.853

■ 88, 7.221, 218.500

■ 90, 0.474, 219.442

Harmonies

Complementary

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



71, 39.487, 230.284



52, 85.255, 42.691

Rectangle

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



71, 39.487, 230.284



71, 39.487, 280.284



71, 39.487, 50.284



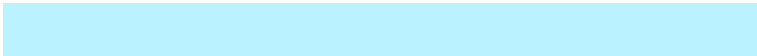
71, 39.487, 100.284

Sweetspot

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



71, 39.486, 230.284



92, 18.992, 219.194



80, 100.192, 139.363



48, 12.635, 219.413



0, 0.000, 0.000



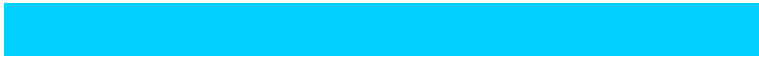
53, 0.007, 296.813

Same Dimension

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



71, 39.486, 230.284



77, 43.788, 233.889



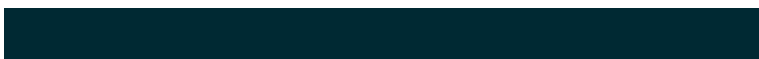
42, 84.230, 294.796



47, 3.872, 218.473



56, 33.454, 232.970



15, 13.981, 226.639

Inverse Universe

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



53, 90.773, 336.680



58, 99.530, 337.692



71, 73.411, 79.026



45, 7.288, 330.689



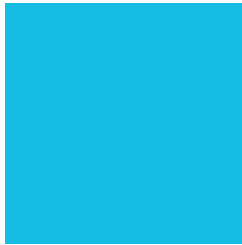
41, 76.397, 337.441



8, 32.765, 335.769

Previews

White Background



This preview shows how the CIE LCh color 71, 39.487, 230.284 looks on a white background.

Color Contrast Check

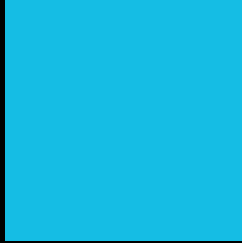
Large Text (above 18pt) WCAG AA × Fail

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, 39.487, 230.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

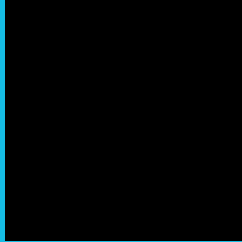
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 39.487, 230.284

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.487, 230.284.

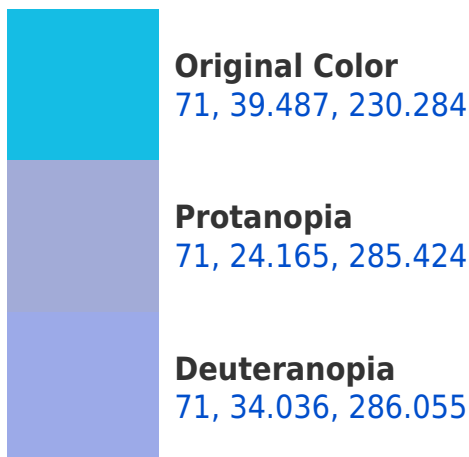


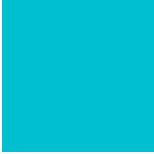
This preview shows how white text looks on a background with the CIELCh color 71, 39.487, 230.284.

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, 39.487, 230.284



Protanomaly
70, 29.424, 250.408



Deuteranomaly
70, 34.512, 258.333



Tritanomaly
71, 38.688, 216.912

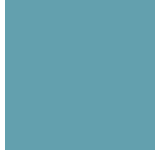
Monochromacy



Original Color
71, 39.487, 230.284



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 20.891, 220.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.487, 230.284 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(21, 189, 228)` looks like.

```
.text, #text, p{  
    color:rgb(21, 189, 228)  
}
```

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(21, 189, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 189, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.487, 230.284 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(21, 189, 228) }
```

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

```
.border{ border-color:rgb(21, 189, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 189, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 189, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 189, 228);  
box-shadow:4px 4px 4px 4px rgb(21, 189,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.487, 230.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 189, 228) }
```

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

```
.background{ background-color: rgb(21, 189,  
228) }
```

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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