

Converting Colors

CIELCh(71, 39.567, 230.851)

Have a look what the booklet for
CIELCh(71, 39.567, 230.851)
contains.

CIELCh(71, 39.613, 231.141)	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, 39.613, 231.141)

Conversions

Conversions Part 1

Format	Color
Hex	16BDE5
RGB	22, 189, 229
RGB Percent	9%, 74%, 90%
CMY	0.9145, 0.2591, 0.1022
CMYK	0.90, 0.17, 0.00, 0.10
HSL	192°, 83%, 49%
HSV	192°, 90%, 90%
XYZ	32.6421, 42.1875, 80.5006
YIQ	143.6270, -112.3720, -22.9640

Conversions

Conversions Part 2

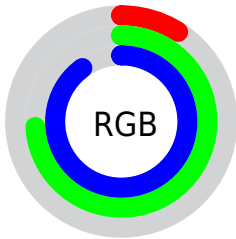
Format	Color
R _Y B	22, 114, 229
Decimal	1490405
CIE Lab	71.00, -24.85, -30.85
CIE LCh	71, 39.613, 231.141
Yxy	42.1875, 0.2101, 0.2716
Android (android.graphics.Color)	4279680485 (0xFF16BDE5)
YUV	143.6270, 42.0889, -106.6669
Hunter-Lab	64.9519, -23.9592, -28.0170

Details

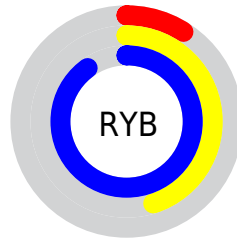
The CIELCh color **71, 39.613, 231.141** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **52, 85.165, 42.865**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 37.197, 205.274**, and **52, 33.225, 239.602** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.416, 234.642**, and if you desaturate by 10%, it is **73, 38.238, 228.007**.

Distribution



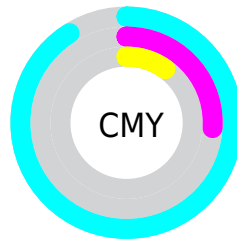
- Red (9%)
- Green (74%)
- Blue (90%)



- Red (9%)
- Yellow (45%)
- Blue (90%)



- Cyan (90%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)





- Cyan (91%)
- Magenta (26%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.613, 231.141 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, 39.613, 231.141 by changing the saturation by 10% instead.


 71, 39.613,
231.141


 71, 39.613,
231.141


 100, 39.613,
231.141


 61, 39.613,
231.141


 91, 39.613,
231.141

 51, 39.613,
231.141

 41, 39.613,
231.141

 31, 39.613,
231.141

 21, 39.613,
231.141

 11, 39.613,
231.141

 1, 39.613, 231.141

■ 0, 39.613, 231.141

■ 71, 39.613,
231.141

■ 71, 39.613,
231.141

■ 70, 40.416,
234.642

■ 73, 38.238,
228.007

■ 74, 36.093,
225.485

■ 76, 33.105,
223.504

■ 78, 29.277,
221.983

■ 80, 24.665,
220.838

■ 83, 19.361,
220.000

■ 85, 13.467,
219.410

■ 88, 7.092, 219.037

■ 91, 0.333, 220.498

Harmonies

Complementary

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



71, 39.613, 231.141



52, 85.165, 42.865

Rectangle

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



71, 39.613, 231.141



71, 39.613, 281.141



71, 39.613, 51.141



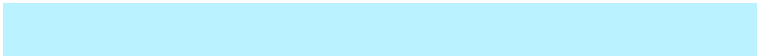
71, 39.613, 101.141

Sweetspot

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



71, 39.612, 231.141



92, 18.950, 219.779



80, 100.371, 139.392



48, 12.608, 220.008



0, 0.000, 0.000



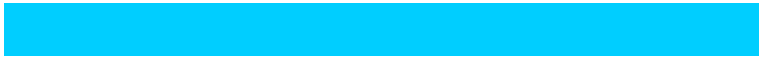
53, 0.007, 296.813

Same Dimension

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



71, 39.612, 231.141



77, 43.873, 234.895



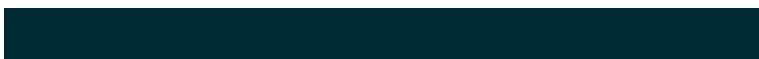
42, 84.284, 294.731



47, 3.862, 219.012



55, 33.509, 233.955



15, 13.980, 227.468

Inverse Universe

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



53, 90.708, 336.908



58, 99.188, 337.970



72, 73.554, 79.067



45, 7.265, 330.847



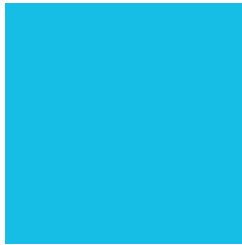
40, 76.139, 337.710



8, 32.669, 335.983

Previews

White Background



This preview shows how the CIELCh color 71, 39.613, 231.141 looks on a white background.

Color Contrast Check

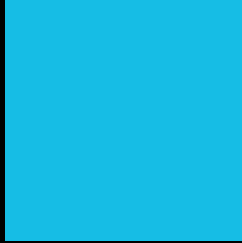
Large Text (above 18pt) WCAG AA × Fail

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, 39.613, 231.141 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, 39.613, 231.141

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.613, 231.141.

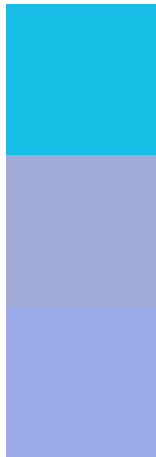


This preview shows how white text looks on a background with the CIELCh color 71, 39.613, 231.141.

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

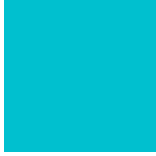
71, 39.613, 231.141

Protanopia

71, 24.704, 285.649

Deuteranopia

71, 34.604, 285.744

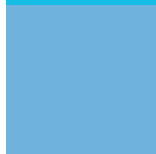


Tritanopia
71, 39.065, 208.919

Trichromacy



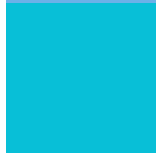
Original Color
71, 39.613, 231.141



Protanomaly
70, 29.791, 251.244



Deuteranomaly
70, 34.927, 258.974



Tritanomaly
71, 38.688, 216.912

Monochromacy



Original Color
71, 39.613, 231.141



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 20.779, 221.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.613, 231.141 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(22, 189, 229)` looks like.

```
.text, #text, p{  
    color:rgb(22, 189, 229)  
}
```

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(22, 189, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 189, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.613, 231.141 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(22, 189, 229) }
```

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

```
.border{ border-color:rgb(22, 189, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 189, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 189, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 189, 229);  
box-shadow:4px 4px 4px 4px rgb(22, 189,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.613, 231.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 189, 229) }
```

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

```
.background{ background-color: rgb(22, 189,  
229) }
```

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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