

Converting Colors

CIELCh(71, 60.528, 209.750)

Have a look what the booklet for
CIELCh(71, 60.528, 209.750)
contains.

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Color

CIELCh(74, 40.338, 218.398)

Conversions

Conversions Part 1

Format	Color
Hex	00C8E3
RGB	0, 200, 227
RGB Percent	0%, 78%, 89%
CMY	1.0000, 0.2167, 0.1109
CMYK	1.00, 0.12, 0.00, 0.11
HSL	187°, 100%, 44%
HSV	187°, 100%, 89%
XYZ	34.3985, 46.7039, 79.6766
YIQ	143.2780, -127.8670, -34.0030

Conversions

Conversions Part 2

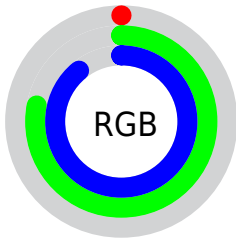
Format	Color
RYB	0, 106, 227
Decimal	51427
CIELab	74.00, -31.61, -25.05
CIELCh	74, 40.338, 218.398
Yxy	46.7039, 0.2139, 0.2905
Android (android.graphics.Color)	4278241507 (0xFF00C8E3)
YUV	143.2780, 41.2749, -125.6548
Hunter-Lab	68.3403, -29.7489, -21.2869

Details

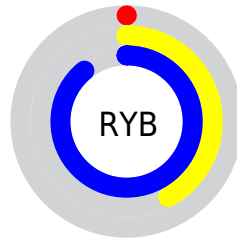
The CIELCh color **74, 40.338, 218.398** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **48, 93.732, 41.302**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.542, 196.941**, and **56, 32.445, 224.742** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.299, 218.421**, and if you desaturate by 10%, it is **75, 39.926, 216.302**.

Distribution



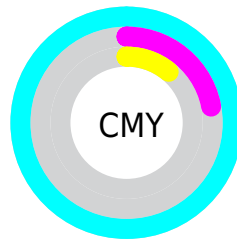
- Red (0%)
- Green (78%)
- Blue (89%)



- Red (0%)
- Yellow (42%)
- Blue (89%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.338, 218.398 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 74, 40.338, 218.398 by changing the saturation by 10% instead.

 74, 40.338,
218.398

 74, 40.338,
218.398

 100, 40.338,
218.398

 64, 40.338,
218.398


 94, 40.338,
218.398

 54, 40.338,
218.398

 44, 40.338,
218.398

 34, 40.338,
218.398

 24, 40.338,
218.398

 14, 40.338,
218.398

 4, 40.338, 218.398

■ 0, 40.338, 218.398

■ 74, 40.338,
218.398

■ 74, 40.338,
218.398

■ 74, 40.299,
218.421

■ 75, 39.926,
216.302

■ 76, 38.850,
214.553

■ 77, 36.868,
213.190

■ 79, 33.933,
212.167

■ 80, 30.066,
211.434

■ 82, 25.339,
210.942

■ 84, 19.853,
210.651

■ 86, 13.723,
210.525

■ 88, 7.069, 210.553

Harmonies

Complementary

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



74, 40.338, 218.398



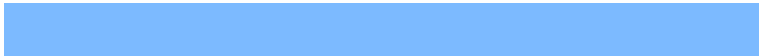
48, 93.732, 41.302

Rectangle

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



74, 40.338, 218.398



74, 40.338, 268.398



74, 40.338, 38.398



74, 40.338, 88.398

Sweetspot

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



74, 40.299, 218.421



93, 21.821, 210.655



79, 107.089, 136.970



49, 14.627, 210.758



0, 0.000, 0.000



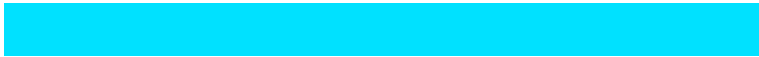
53, 0.007, 296.813

Same Dimension

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



74, 40.299, 218.421



82, 44.024, 218.585



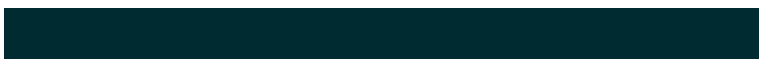
42, 83.520, 294.088



46, 3.986, 210.561



59, 33.378, 218.006



15, 13.887, 214.060

Inverse Universe

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



52, 96.204, 333.701



59, 105.077, 333.742



66, 75.650, 70.469



44, 7.513, 328.386



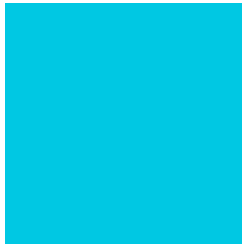
41, 79.721, 333.599



7, 33.154, 332.613

Previews

White Background



This preview shows how the CIE LCh color 74, 40.338, 218.398 looks on a white background.

Color Contrast Check

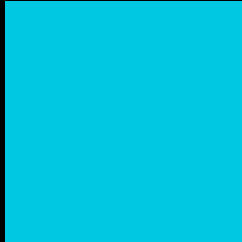
Large Text (above 18pt) WCAG AA × Fail

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 74, 40.338, 218.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

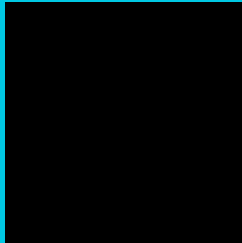
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.338, 218.398

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.338, 218.398.



This preview shows how white text looks on a background with the CIELCh color 74, 40.338, 218.398.

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



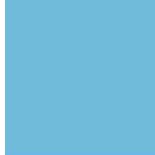


Tritanopia
74, 40.412, 209.203

Trichromacy



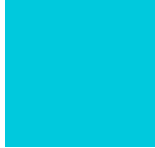
Original Color
74, 40.338, 218.398



Protanomaly
72, 27.203, 235.255



Deuteranomaly
72, 31.741, 249.384



Tritanomaly
74, 40.332, 212.509

Monochromacy



Original Color
74, 40.338, 218.398



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 23.480, 210.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.338, 218.398 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, 200, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 227)  
}
```

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, 200, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.338, 218.398 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, 200, 227) }
```

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

```
.border{ border-color:rgb(0, 200, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.338, 218.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 227) }
```

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

```
.background{ background-color: rgb(0, 200,  
227) }
```

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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