

Converting Colors

CIELCh(70, 56.872, 216.191)

Have a look what the booklet for
CIELCh(70, 56.872, 216.191)
contains.

CIELCh(73, 40.409, 226.409)	3
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Color

CIELCh(73, 40.409, 226.409)

Conversions

Conversions Part 1

Format	Color
Hex	04C4E8
RGB	4, 196, 232
RGB Percent	2%, 77%, 91%
CMY	0.9837, 0.2327, 0.0914
CMYK	0.98, 0.16, 0.00, 0.09
HSL	189°, 96%, 46%
HSV	189°, 98%, 91%
XYZ	34.2369, 45.1644, 83.0229
YIQ	142.6960, -125.9880, -29.5080

Conversions

Conversions Part 2

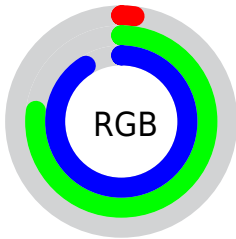
Format	Color
R_{YB}	4, 108, 232
Decimal	312552
CIE _{Lab}	73.00, -27.86, -29.27
CIE _{LCh}	73, 40.409, 226.409
Yxy	45.1644, 0.2108, 0.2781
Android (android.graphics.Color)	4278502632 (0xFF04C4E8)
YUV	142.6960, 44.0269, -121.6364
Hunter-Lab	67.2044, -26.6721, -26.2024

Details

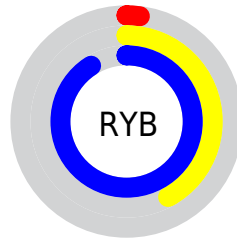
The CIELCh color **73, 40.409, 226.409** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **50, 92.986, 41.923**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 39.749, 198.493**, and **55, 33.159, 233.930** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.494, 226.956**, and if you desaturate by 10%, it is **74, 39.782, 223.496**.

Distribution



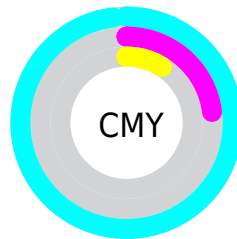
- Red (2%)
- Green (77%)
- Blue (91%)



- Red (2%)
- Yellow (42%)
- Blue (91%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)





- Cyan (98%)
- Magenta (23%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 40.409, 226.409 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 73, 40.409, 226.409 by changing the saturation by 10% instead.


 73, 40.409,
226.409


 73, 40.409,
226.409


 100, 40.409,
226.409


 63, 40.409,
226.409


 93, 40.409,
226.409

 53, 40.409,
226.409

 43, 40.409,
226.409

 33, 40.409,
226.409

 23, 40.409,
226.409

 13, 40.409,
226.409

 3, 40.409, 226.409

■ 0, 40.409, 226.409

■ 73, 40.409,
226.409

■ 73, 40.409,
226.409

■ 73, 40.494,
226.956

■ 74, 39.782,
223.496

■ 76, 38.435,
221.108

■ 77, 36.211,
219.225

■ 79, 33.068,
217.779

■ 81, 29.031,
216.701

■ 83, 24.175,
215.924

■ 85, 18.602,
215.394

■ 87, 12.427,
215.065

■ 90, 5.763, 214.930

Harmonies

Complementary

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



73, 40.409, 226.409



50, 92.986, 41.923

Rectangle

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



73, 40.409, 226.409



73, 40.409, 276.409



73, 40.409, 46.409



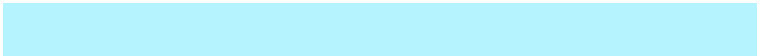
73, 40.409, 96.409

Sweetspot

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



73, 40.408, 226.409



92, 20.598, 215.435



81, 106.935, 137.617



48, 13.893, 215.644



0, 0.000, 0.000



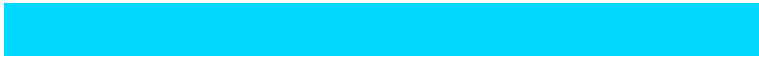
53, 0.007, 296.813

Same Dimension

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



73, 40.408, 226.409



79, 43.539, 227.139



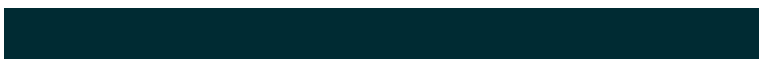
41, 88.188, 295.577



47, 3.945, 214.933



57, 33.320, 226.372



15, 14.059, 221.144

Inverse Universe

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



53, 94.697, 335.703



58, 101.882, 335.899



69, 76.220, 74.056



45, 7.446, 329.658



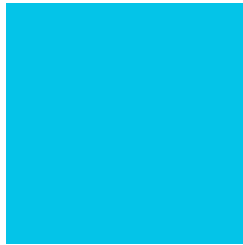
41, 78.167, 335.701



8, 33.422, 334.378

Previews

White Background



This preview shows how the CIE LCh color 73, 40.409, 226.409 looks on a white background.

Color Contrast Check

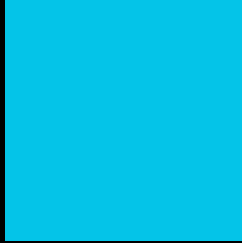
Large Text (above 18pt) WCAG AA × Fail

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 73, 40.409, 226.409 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 73, 40.409, 226.409

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.409, 226.409.

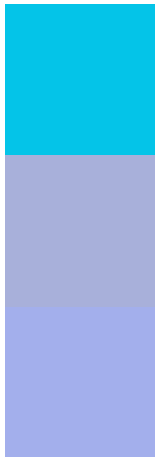


This preview shows how white text looks on a background with the CIELCh color 73, 40.409, 226.409.

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

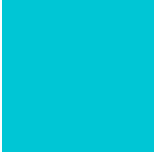
73, 40.454, 226.345

Protanopia

73, 22.935, 285.681

Deuteranopia

73, 33.271, 286.792



Tritanopia
73, 39.990, 208.554

Trichromacy



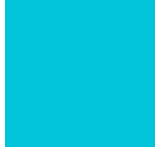
Original Color
73, 40.454, 226.345



Protanomaly
71, 29.908, 245.598



Deuteranomaly
71, 34.206, 253.424



Tritanomaly
73, 39.707, 215.381

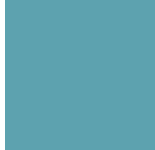
Monochromacy



Original Color
73, 40.454, 226.345



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 22.721, 216.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.409, 226.409 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(4, 196, 232)` looks like.

```
.text, #text, p{  
    color:rgb(4, 196, 232)  
}
```

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(4, 196, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 196, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.409, 226.409 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(4, 196, 232) }
```

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

```
.border{ border-color:rgb(4, 196, 232) }
```

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

Here you see how a box with a 4 pixel rgb(4, 196, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 196, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 196, 232);  
box-shadow:4px 4px 4px 4px rgb(4, 196,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.409, 226.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 196, 232) }
```

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

```
.background{ background-color: rgb(4, 196,  
232) }
```

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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