

Converting Colors

CIELCh(74, 41.630, 198.880)

Have a look what the booklet for
CIELCh(74, 41.630, 198.880)
contains.

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Color

CIELCh(74, 41.635, 198.701)

Conversions

Conversions Part 1

Format	Color
Hex	01CACD
RGB	1, 202, 205
RGB Percent	0%, 79%, 80%
CMY	0.9977, 0.2074, 0.1957
CMYK	1.00, 0.01, 0.00, 0.20
HSL	181°, 99%, 40%
HSV	181°, 100%, 80%
XYZ	32.1821, 46.7039, 65.1386
YIQ	142.2430, -120.7590, -41.6790

Conversions

Conversions Part 2

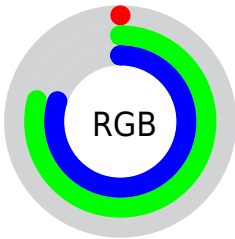
Format	Color
RYB	1, 102, 205
Decimal	117453
CIELab	74.00, -39.44, -13.35
CIELCh	74, 41.635, 198.701
Yxy	46.7039, 0.2234, 0.3243
Android (android.graphics.Color)	4278307533 (0xFF01CACD)
YUV	142.2430, 30.9392, -123.8701
Hunter-Lab	68.3403, -35.5380, -8.6741

Details

The CIELCh color **74, 41.635, 198.701** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **43, 88.382, 40.056**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.894, 196.920**, and **55, 32.689, 200.557** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.649, 198.705**, and if you desaturate by 10%, it is **74, 41.043, 198.542**.

Distribution



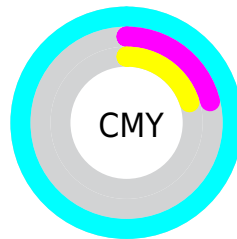
- Red (0%)
- Green (79%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (100%)
- Magenta (21%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.635, 198.701 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, 41.635, 198.701 by changing the saturation by 10% instead.


 74, 41.635,
198.701


 74, 41.635,
198.701


 100, 41.635,
198.701


 64, 41.635,
198.701


 94, 41.635,
198.701

 54, 41.635,
198.701

 44, 41.635,
198.701

 34, 41.635,
198.701

 24, 41.635,
198.701

 14, 41.635,
198.701

 4, 41.635, 198.701

■ 0, 41.635, 198.701

■ 74, 41.635,
198.701

■ 74, 41.635,
198.701

■ 74, 41.649,
198.705

■ 74, 41.043,
198.542

■ 74, 39.752,
198.458

■ 75, 37.578,
198.464

■ 76, 34.478,
198.559

■ 76, 30.470,
198.742

■ 77, 25.612,
199.006

■ 78, 20.001,
199.345

■ 80, 13.748,
199.755

■ 81, 6.971, 200.246

Harmonies

Complementary

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



74, 41.635, 198.701



43, 88.382, 40.056

Rectangle

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



74, 41.635, 198.701



74, 41.635, 248.701



74, 41.635, 18.701



74, 41.635, 68.701

Sweetspot

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



74, 41.634, 198.700



95, 24.037, 199.320



72, 101.582, 136.026



50, 16.114, 199.168



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, 41.634, 198.700



90, 49.064, 198.735



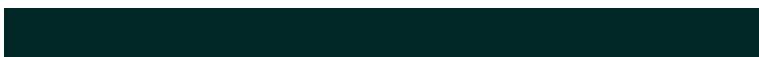
44, 61.539, 284.292



42, 4.058, 200.263



61, 35.560, 198.669



13, 13.293, 198.189

Inverse Universe

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



49, 96.897, 328.823



60, 114.224, 328.834



55, 72.301, 60.372



40, 7.464, 325.327



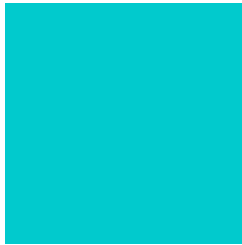
39, 82.765, 328.818



5, 28.705, 327.967

Previews

White Background



This preview shows how the CIELCh color 74, 41.635, 198.701 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, 41.635, 198.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

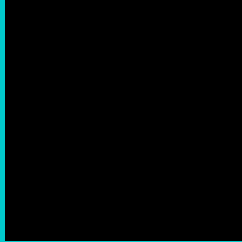
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

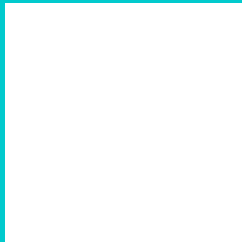
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 41.635, 198.701

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.635, 198.701.

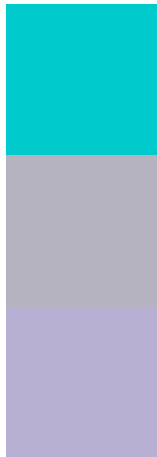


This preview shows how white text looks on a background with the CIELCh color 74, 41.635, 198.701.

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

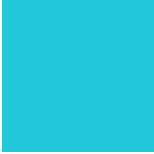
74, 41.607, 198.704

Protanopia

73, 6.567, 297.167

Deuteranopia

73, 19.219, 299.240

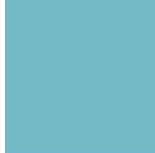


Tritanopia
74, 38.865, 210.659

Trichromacy



Original Color
74, 41.607, 198.704



Protanomaly
72, 23.295, 209.979



Deuteranomaly
72, 24.214, 231.042



Tritanomaly
74, 39.904, 206.133

Monochromacy



Original Color
74, 41.607, 198.704



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 23.741, 198.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.635, 198.701 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(1, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(1, 202, 205)  
}
```

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(1, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 202, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.635, 198.701 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(1, 202, 205) }
```

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

```
.border{ border-color:rgb(1, 202, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 202, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(1, 202,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.635, 198.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 202, 205) }
```

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

```
.background{ background-color: rgb(1, 202,  
205) }
```

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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