

Converting Colors

CIELCh(74, 41.014, 198.954)

Have a look what the booklet for
CIELCh(74, 41.014, 198.954)
contains.

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Color

CIELCh(74, 41.078, 198.769)

Conversions

Conversions Part 1

Format	Color
Hex	12CACD
RGB	18, 202, 205
RGB Percent	7%, 79%, 80%
CMY	0.9313, 0.2084, 0.1966
CMYK	0.91, 0.01, 0.00, 0.20
HSL	181°, 84%, 44%
HSV	181°, 91%, 80%
XYZ	32.3329, 46.7039, 64.9852
YIQ	147.3260, -110.6270, -38.0750

Conversions

Conversions Part 2

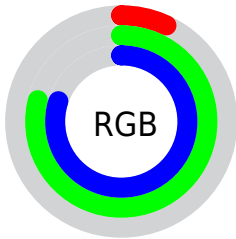
Format	Color
RYB	18, 111, 205
Decimal	1231565
CIELab	74.00, -38.89, -13.22
CIELCh	74, 41.078, 198.769
Yxy	46.7039, 0.2245, 0.3243
Android (android.graphics.Color)	4279421645 (0xFF12CACD)
YUV	147.3260, 28.4333, -113.4189
Hunter-Lab	68.3403, -35.1443, -8.5410

Details

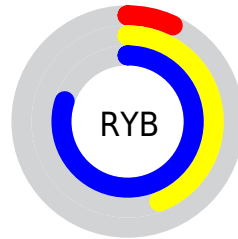
The CIELCh color **74, 41.078, 198.769** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **44, 83.641, 38.042**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.363, 196.951**, and **55, 32.689, 200.557** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.535, 198.924**, and if you desaturate by 10%, it is **74, 39.938, 198.652**.

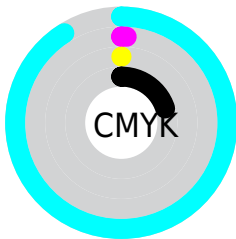
Distribution



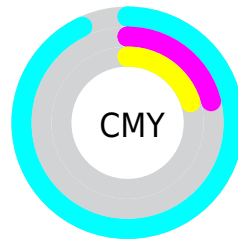
- Red (7%)
- Green (79%)
- Blue (80%)



- Red (7%)
- Yellow (44%)
- Blue (80%)



- Cyan (91%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (93%)
- Magenta (21%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.078, 198.769 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, 41.078, 198.769 by changing the saturation by 10% instead.


 74, 41.078,
198.769

 74, 41.078,
198.769


 100, 41.078,
198.769


 64, 41.078,
198.769


 94, 41.078,
198.769

 54, 41.078,
198.769

 44, 41.078,
198.769

 34, 41.078,
198.769

 24, 41.078,
198.769

 14, 41.078,
198.769

 4, 41.078, 198.769

■ 0, 41.078, 198.769

■ 74, 41.078,
198.769

■ 74, 41.078,
198.769

■ 74, 41.535,
198.924

■ 74, 39.938,
198.652

■ 75, 37.930,
198.627

■ 75, 35.001,
198.695

■ 76, 31.158,
198.852

■ 77, 26.454,
199.094

■ 78, 20.979,
199.414

■ 79, 14.844,
199.805

■ 81, 8.165, 200.273

■ 82, 1.060, 201.220

Harmonies

Complementary

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



74, 41.078, 198.769



44, 83.641, 38.042

Rectangle

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



74, 41.078, 198.769



74, 41.078, 248.769



74, 41.078, 18.769



74, 41.078, 68.769

Sweetspot

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



74, 41.077, 198.768



95, 21.856, 199.566



72, 99.461, 136.335



50, 14.532, 199.437



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, 41.077, 198.768



90, 48.971, 198.958



47, 56.366, 280.585



42, 4.052, 200.384



61, 35.494, 198.886



13, 13.273, 198.359

Inverse Universe

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



49, 95.134, 328.775



60, 114.100, 328.891



56, 68.310, 62.542



40, 7.457, 325.364



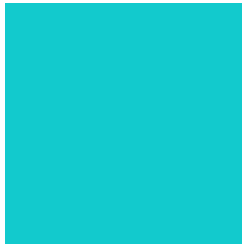
39, 82.678, 328.873



5, 28.674, 328.011

Previews

White Background



This preview shows how the CIELCh color 74, 41.078, 198.769 looks on a white background.

Color Contrast Check

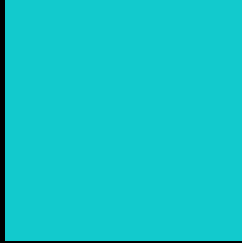
Large Text (above 18pt) WCAG AA × Fail

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, 41.078, 198.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

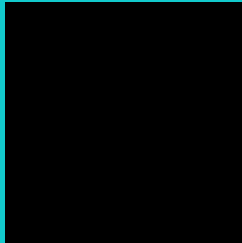
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

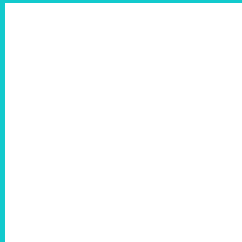
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 41.078, 198.769

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.078, 198.769.

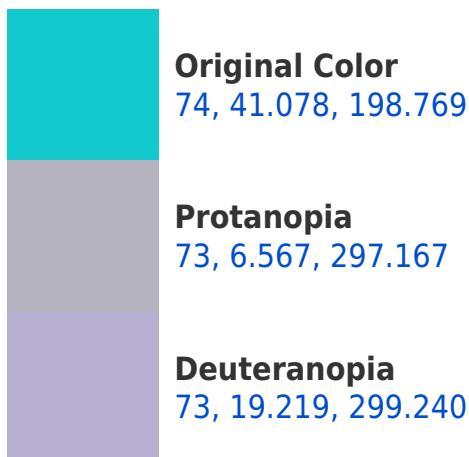


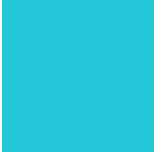
This preview shows how white text looks on a background with the CIELCh color 74, 41.078, 198.769.

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



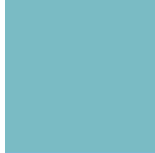


Tritanopia
74, 38.672, 209.890

Trichromacy



Original Color
74, 41.078, 198.769



Protanomaly
72, 21.464, 211.168



Deuteranomaly
72, 22.920, 233.239

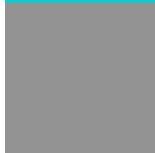


Tritanomaly
74, 39.531, 205.429

Monochromacy



Original Color
74, 41.078, 198.769



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 22.170, 199.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.078, 198.769 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(18, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(18, 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(18, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 202, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.078, 198.769 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(18, 202, 205) }
```

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

```
.border{ border-color:rgb(18, 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(18, 202, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(18, 202,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.078, 198.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 202, 205) }
```

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

```
.background{ background-color: rgb(18, 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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