

Converting Colors

CIELCh(74, 49.065, 176.440)

Have a look what the booklet for
CIELCh(74, 49.065, 176.440)
contains.

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Color

CIELCh(74, 49.111, 176.439)

Conversions

Conversions Part 1

Format	Color
Hex	08CDAF
RGB	8, 205, 175
RGB Percent	3%, 80%, 69%
CMY	0.9688, 0.1969, 0.3145
CMYK	0.96, 0.00, 0.15, 0.20
HSL	171°, 93%, 42%
HSV	171°, 96%, 80%
XYZ	29.6006, 46.7039, 47.9123
YIQ	142.6770, -107.7820, -51.0940

Conversions

Conversions Part 2

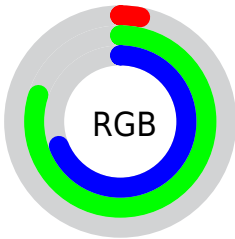
Format	Color
RYB	8, 115, 205
Decimal	576943
CIELab	74.00, -49.02, 3.05
CIELCh	74, 49.111, 176.439
Yxy	46.7039, 0.2383, 0.3760
Android (android.graphics.Color)	4278767023 (0xFF08CDAF)
YUV	142.6770, 15.9352, -118.1117
Hunter-Lab	68.3403, -42.2809, 6.2709

Details

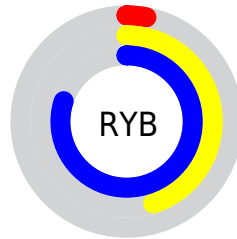
The CIELCh color **74, 49.111, 176.439** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **43, 79.337, 31.377**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 45.777, 180.037**, and **55, 40.652, 173.229** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.707, 175.836**, and if you desaturate by 10%, it is **74, 47.291, 177.958**.

Distribution



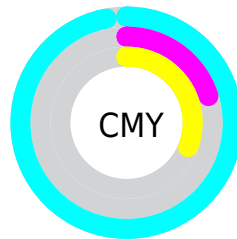
- Red (3%)
- Green (80%)
- Blue (69%)



- Red (3%)
- Yellow (45%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)




- Cyan (97%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 49.111, 176.439 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, 49.111, 176.439 by changing the saturation by 10% instead.


 74, 49.111,
176.439

 74, 49.111,
176.439


 100, 49.111,
176.439

 64, 49.111,
176.439

 94, 49.111,
176.439

 54, 49.111,
176.439

 44, 49.111,
176.439

 34, 49.111,
176.439

 24, 49.111,
176.439

 14, 49.111,
176.439

 4, 49.111, 176.439

0, 49.111, 176.439

74, 49.111,
176.439

74, 49.111,
176.439

74, 49.707,
175.836

74, 47.291,
177.958

75, 44.663,
179.336

75, 41.151,
180.585

76, 36.757,
181.728

76, 31.540,
182.784

77, 25.596,
183.773

■ 79, 19.047,
184.714

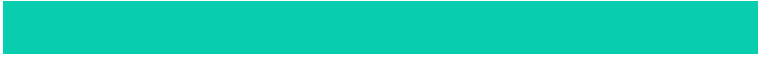
■ 80, 12.020,
185.622

■ 81, 4.639, 186.551

Harmonies

Complementary

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



74, 49.111, 176.439



43, 79.337, 31.377

Rectangle

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



74, 49.111, 176.439



74, 49.111, 226.439



74, 49.111, 356.439



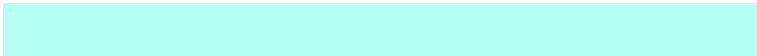
74, 49.111, 46.439

Sweetspot

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



74, 49.111, 176.438



95, 25.050, 184.412



72, 99.103, 135.003



50, 16.976, 184.006



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, 49.111, 176.438



90, 58.780, 175.615



55, 42.970, 260.539



42, 4.266, 186.234



61, 42.355, 176.096



13, 15.187, 179.778

Inverse Universe

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



43, 79.337, 31.377



53, 96.978, 33.851



49, 76.370, 49.362



40, 4.450, 7.723



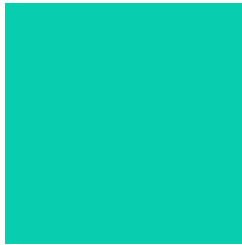
34, 69.162, 32.348



4, 18.095, 11.943

Previews

White Background



This preview shows how the CIELCh color 74, 49.111, 176.439 looks on a white background.

Color Contrast Check

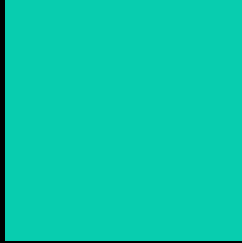
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 49.111, 176.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

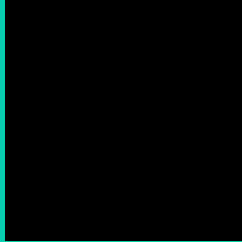
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

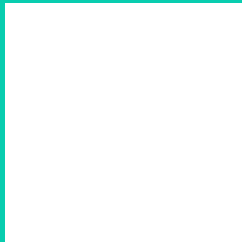
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 49.111, 176.439

Background



This preview shows how black text looks on a background with the CIELCh color 74, 49.111, 176.439.

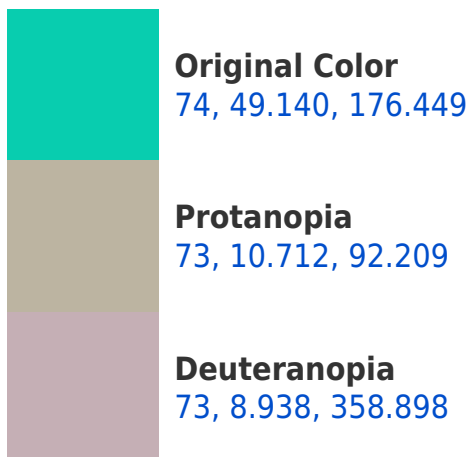


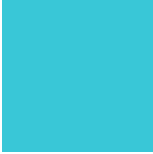
This preview shows how white text looks on a background with the CIELCh color 74, 49.111, 176.439.

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, 36.622, 210.773

Trichromacy



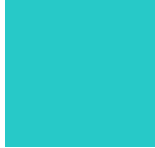
Original Color
74, 49.140, 176.449



Protanomaly
72, 26.610, 169.189



Deuteranomaly
72, 20.427, 186.957



Tritanomaly
74, 40.145, 195.717

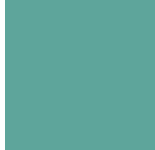
Monochromacy



Original Color
74, 49.140, 176.449



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 24.858, 184.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 49.111, 176.439 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(8, 205, 175)` looks like.

```
.text, #text, p{  
    color:rgb(8, 205, 175)  
}
```

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(8, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 205, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 49.111, 176.439 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(8, 205, 175) }
```

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

```
.border{ border-color:rgb(8, 205, 175) }
```

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

Here you see how a box with a 4 pixel rgb(8, 205, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(8, 205,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 49.111, 176.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 205, 175) }
```

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

```
.background{ background-color: rgb(8, 205,  
175) }
```

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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