

Converting Colors

CIELCh(74, 50.680, 174.661)

Have a look what the booklet for
CIELCh(74, 50.680, 174.661)
contains.

CIELCh(74, 50.281, 174.863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 50.281, 174.863)

Conversions

Conversions Part 1

Format	Color
Hex	01CDAC
RGB	1, 205, 172
RGB Percent	0%, 80%, 67%
CMY	0.9975, 0.1956, 0.3251
CMYK	1.00, 0.00, 0.16, 0.20
HSL	170°, 99%, 40%
HSV	170°, 100%, 80%
XYZ	29.3230, 46.7039, 46.5536
YIQ	140.2420, -110.9910, -53.5110

Conversions

Conversions Part 2

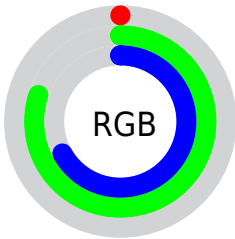
Format	Color
RYB	1, 112, 205
Decimal	118188
CIELab	74.00, -50.08, 4.50
CIELCh	74, 50.281, 174.863
Yxy	46.7039, 0.2392, 0.3810
Android (android.graphics.Color)	4278308268 (0xFF01CDAC)
YUV	140.2420, 15.6567, -122.1152
Hunter-Lab	68.3403, -43.0060, 7.4496

Details

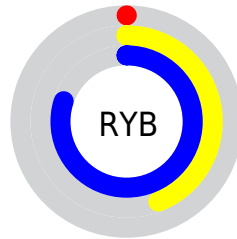
The CIELCh color **74, 50.281, 174.863** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **43, 81.052, 32.454**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **92, 46.698, 178.317**, and **55, 41.678, 171.172** is the 20% darker color. If you saturate the color by 10%, you get **74, 50.331, 174.814**, and if you desaturate by 10%, it is **74, 48.571, 176.465**.

Distribution



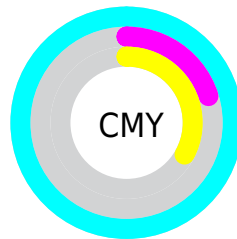
- Red (0%)
- Green (80%)
- Blue (67%)



- Red (0%)
- Yellow (44%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 50.281, 174.863 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, 50.281, 174.863 by changing the saturation by 10% instead.


 74, 50.281,
174.863

 74, 50.281,
174.863


 100, 50.281,
174.863


 64, 50.281,
174.863


 94, 50.281,
174.863

 54, 50.281,
174.863

 44, 50.281,
174.863

 34, 50.281,
174.863

 24, 50.281,
174.863

 14, 50.281,
174.863

 4, 50.281, 174.863

0, 50.281, 174.863

74, 50.281,
174.863

74, 50.281,
174.863

74, 50.331,
174.814

74, 48.571,
176.465

74, 46.170,
177.945

75, 42.902,
179.283

75, 38.747,
180.499

76, 33.746,
181.615

77, 27.985,
182.652

■ 78, 21.580,
183.629

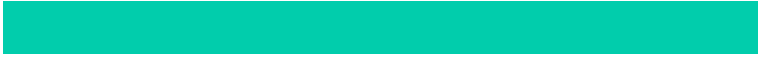
■ 79, 14.658,
184.563

■ 81, 7.346, 185.482

Harmonies

Complementary

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



74, 50.281, 174.863



43, 81.052, 32.454

Rectangle

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



74, 50.281, 174.863



74, 50.281, 224.863



74, 50.281, 354.863



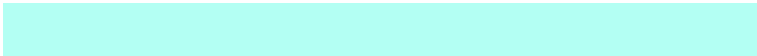
74, 50.281, 44.863

Sweetspot

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



74, 50.281, 174.862



95, 25.966, 183.564



72, 100.272, 135.069



50, 17.498, 183.152



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, 50.281, 174.862



90, 59.456, 174.586



54, 44.069, 262.322



42, 4.281, 185.511



61, 42.827, 175.084



13, 15.315, 178.913

Inverse Universe

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



43, 81.052, 32.454



53, 96.394, 33.279



49, 78.798, 48.905



40, 4.461, 7.018



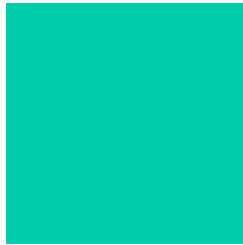
34, 68.750, 31.742



4, 18.116, 11.506

Previews

White Background



This preview shows how the CIELCh color 74, 50.281, 174.863 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, 50.281, 174.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

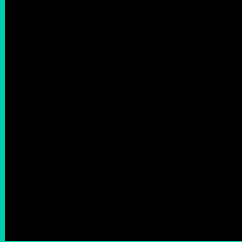
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

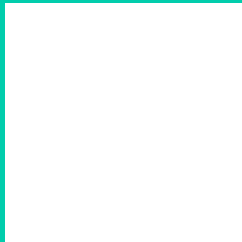
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 50.281, 174.863

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.281, 174.863.

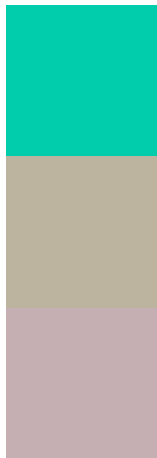


This preview shows how white text looks on a background with the CIELCh color 74, 50.281, 174.863.

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

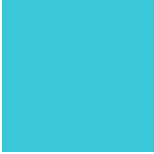
74, 50.252, 174.853

Protanopia

74, 11.863, 91.742

Deuteranopia

73, 9.005, 6.286



Tritanopia
74, 36.506, 210.825

Trichromacy



Original Color
74, 50.252, 174.853



Protanomaly
72, 27.775, 167.829



Deuteranomaly
71, 21.572, 182.968



Tritanomaly
74, 40.461, 194.919

Monochromacy



Original Color
74, 50.252, 174.853



Achromatopsia
58, 0.007, 296.813



Achromatomaly
62, 26.342, 182.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.281, 174.863 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, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(1, 205, 172)  
}
```

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, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 205, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.281, 174.863 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, 205, 172) }
```

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

```
.border{ border-color:rgb(1, 205, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 205, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(1, 205,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.281, 174.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 205, 172) }
```

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

```
.background{ background-color: rgb(1, 205,  
172) }
```

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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