

Converting Colors

CIELCh(74, 52.620, 173.820)

Have a look what the booklet for
CIELCh(74, 52.620, 173.820)
contains.

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Color

CIELCh(74, 51.351, 173.343)

Conversions

Conversions Part 1

Format	Color
Hex	00CDA9
RGB	0, 205, 169
RGB Percent	0%, 80%, 66%
CMY	1.0000, 0.1946, 0.3356
CMYK	1.00, 0.00, 0.18, 0.19
HSL	169°, 100%, 40%
HSV	169°, 100%, 81%
XYZ	29.0826, 46.7039, 45.2217
YIQ	139.6010, -110.6240, -54.6560

Conversions

Conversions Part 2

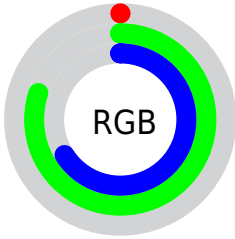
Format	Color
RYB	0, 112, 205
Decimal	52649
CIELab	74.00, -51.00, 5.95
CIELCh	74, 51.351, 173.343
Yxy	46.7039, 0.2403, 0.3860
Android (android.graphics.Color)	4278242729 (0xFF00CDA9)
YUV	139.6010, 14.4937, -122.4301
Hunter-Lab	68.3403, -43.6339, 8.6052

Details

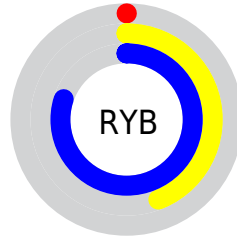
The CIELCh color **74, 51.351, 173.343** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **43, 80.570, 31.667**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **92, 47.653, 176.662**, and **55, 42.739, 169.211** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.258, 173.307**, and if you desaturate by 10%, it is **74, 49.441, 174.989**.

Distribution



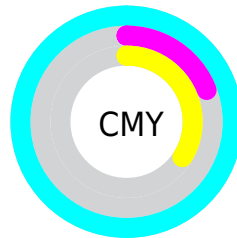
- Red (0%)
- Green (80%)
- Blue (66%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (19%)





- Cyan (100%)
- Magenta (19%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 51.351, 173.343 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, 51.351, 173.343 by changing the saturation by 10% instead.


 74, 51.351,
173.343

 74, 51.351,
173.343


 100, 51.351,
173.343


 64, 51.351,
173.343


 94, 51.351,
173.343

 54, 51.351,
173.343

 44, 51.351,
173.343

 34, 51.351,
173.343

 24, 51.351,
173.343

 14, 51.351,
173.343

 4, 51.351, 173.343

■ 0, 51.351, 173.343

■ 74, 51.351,
173.343

■ 74, 51.351,
173.343

■ 74, 51.258,
173.307

■ 74, 49.441,
174.989

■ 74, 46.948,
176.546

■ 75, 43.594,
177.952

■ 76, 39.356,
179.225

■ 76, 34.277,
180.389

■ 77, 28.443,
181.465

■ 78, 21.971,
182.473

■ 80, 14.989,
183.431

■ 81, 7.625, 184.367

Harmonies

Complementary

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



74, 51.351, 173.343



43, 80.570, 31.667

Rectangle

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



74, 51.351, 173.343



74, 51.351, 223.343



74, 51.351, 353.343



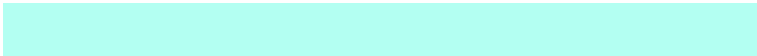
74, 51.351, 43.343

Sweetspot

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



74, 51.258, 173.307



95, 26.163, 182.436



72, 100.233, 134.905



50, 17.639, 182.012



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, 51.258, 173.307



90, 60.507, 173.069



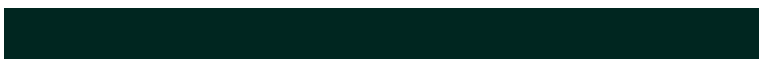
55, 42.917, 259.563



42, 4.305, 184.425



61, 43.561, 173.592



13, 15.515, 177.629

Inverse Universe

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



43, 80.570, 31.667



53, 95.506, 32.374



48, 79.812, 48.006



40, 4.480, 5.958



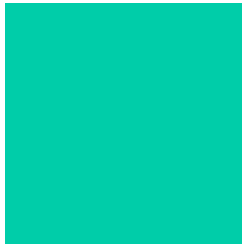
34, 68.130, 30.790



4, 18.149, 10.846

Previews

White Background



This preview shows how the CIELCh color 74, 51.351, 173.343 looks on a white background.

Color Contrast Check

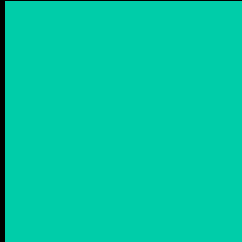
Large Text (above 18pt) WCAG AA × Fail

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, 51.351, 173.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

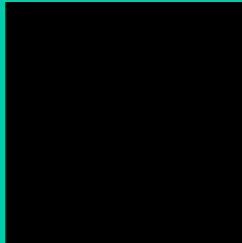
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

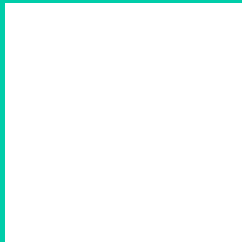
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 51.351, 173.343

Background



This preview shows how black text looks on a background with the CIELCh color 74, 51.351, 173.343.

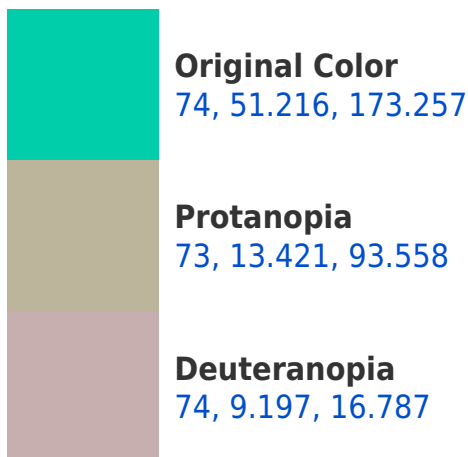



This preview shows how white text looks on a background with the CIELCh color 74, 51.351, 173.343.

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, 36.268, 210.933

Trichromacy



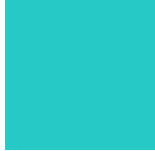
Original Color
74, 51.216, 173.257



Protanomaly
72, 29.021, 165.411

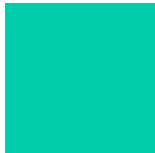


Deuteranomaly
71, 21.704, 180.047

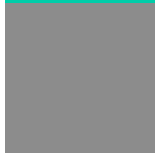


Tritanomaly
74, 40.536, 194.135

Monochromacy



Original Color
74, 51.216, 173.257



Achromatopsia
58, 0.007, 296.813



Achromatomaly
62, 26.576, 181.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 51.351, 173.343 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(0, 205, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 169)  
}
```

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(0, 205, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 51.351, 173.343 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(0, 205, 169) }
```

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

```
.border{ border-color:rgb(0, 205, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 51.351, 173.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 169) }
```

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

```
.background{ background-color: rgb(0, 205,  
169) }
```

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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