

Converting Colors

CIELCh(74, 50.395, 174.239)

Have a look what the booklet for
CIELCh(74, 50.395, 174.239)
contains.

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Color

CIELCh(74, 50.383, 174.246)

Conversions

Conversions Part 1

Format	Color
Hex	08CDAB
RGB	8, 205, 171
RGB Percent	3%, 80%, 67%
CMY	0.9703, 0.1957, 0.3290
CMYK	0.96, 0.00, 0.17, 0.20
HSL	170°, 93%, 42%
HSV	170°, 96%, 80%
XYZ	29.3099, 46.7039, 46.0464
YIQ	142.2210, -106.4980, -52.3380

Conversions

Conversions Part 2

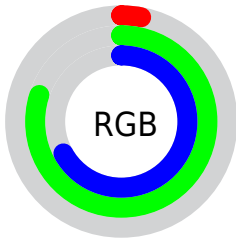
Format	Color
RYB	8, 116, 205
Decimal	576939
CIELab	74.00, -50.13, 5.05
CIELCh	74, 50.383, 174.246
Yxy	46.7039, 0.2401, 0.3826
Android (android.graphics.Color)	4278767019 (0xFF08CDAB)
YUV	142.2210, 14.1880, -117.7118
Hunter-Lab	68.3403, -43.0401, 7.8897

Details

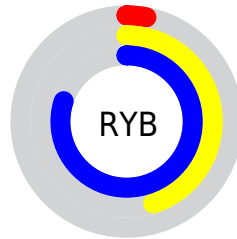
The CIELCh color **74, 50.383, 174.246** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **43, 78.527, 30.087**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 46.779, 177.677**, and **55, 42.028, 170.508** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.013, 173.631**, and if you desaturate by 10%, it is **74, 48.408, 175.884**.

Distribution



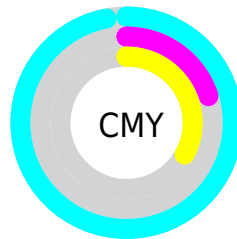
- Red (3%)
- Green (80%)
- Blue (67%)



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



- Cyan (96%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)





- Cyan (97%)
- Magenta (20%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 50.383, 174.246 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, 50.383, 174.246 by changing the saturation by 10% instead.


 74, 50.383,
174.246


 74, 50.383,
174.246


 100, 50.383,
174.246


 64, 50.383,
174.246


 94, 50.383,
174.246

 54, 50.383,
174.246

 44, 50.383,
174.246

 34, 50.383,
174.246

 24, 50.383,
174.246

 14, 50.383,
174.246

 4, 50.383, 174.246

■ 0, 50.383, 174.246

■ 74, 50.383,
174.246

■ 74, 50.383,
174.246

■ 74, 51.013,
173.631

■ 74, 48.408,
175.884

■ 75, 45.633,
177.368

■ 75, 41.979,
178.710

■ 76, 37.450,
179.929

■ 76, 32.106,
181.049

■ 77, 26.047,
182.091

■ 79, 19.396,
183.072

■ 80, 12.280,
184.013

■ 81, 4.824, 184.964

Harmonies

Complementary

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



74, 50.383, 174.246



43, 78.527, 30.087

Rectangle

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



74, 50.383, 174.246



74, 50.383, 224.246



74, 50.383, 354.246



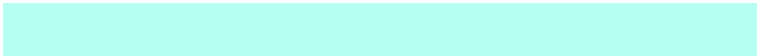
74, 50.383, 44.246

Sweetspot

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



74, 50.383, 174.245



95, 25.316, 182.778



72, 99.023, 134.816



50, 17.167, 182.353



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, 50.383, 174.245



90, 60.277, 173.394



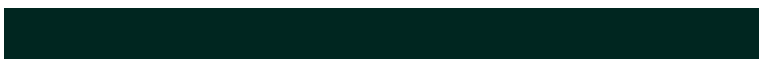
56, 41.904, 257.740



42, 4.300, 184.660



61, 43.400, 173.912



13, 15.471, 177.905

Inverse Universe

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



43, 78.527, 30.087



53, 95.698, 32.574



49, 77.269, 48.392



40, 4.476, 6.187



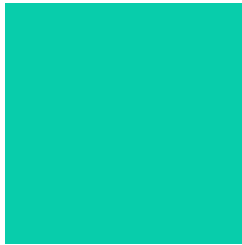
34, 68.264, 31.000



4, 18.142, 10.989

Previews

White Background



This preview shows how the CIELCh color 74, 50.383, 174.246 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, 50.383, 174.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

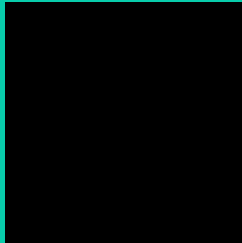
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

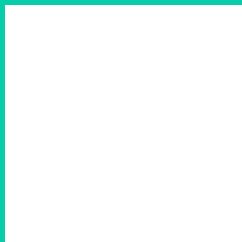
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 50.383, 174.246

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.383, 174.246.

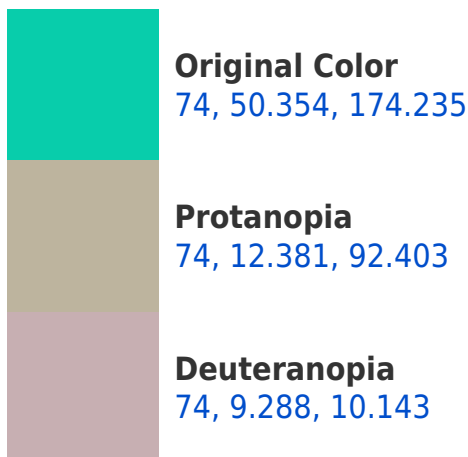


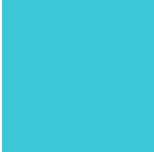
This preview shows how white text looks on a background with the CIELCh color 74, 50.383, 174.246.

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, 36.388, 210.879

Trichromacy



Original Color
74, 50.354, 174.235



Protanomaly
72, 27.566, 166.317



Deuteranomaly
71, 20.894, 180.986

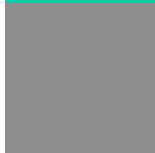


Tritanomaly
74, 40.209, 194.926

Monochromacy



Original Color
74, 50.354, 174.235



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 25.561, 181.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.383, 174.246 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(8, 205, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 205, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.383, 174.246 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, 171) }
```

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

```
.border{ border-color:rgb(8, 205, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 205, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 205, 171);  
box-shadow:4px 4px 4px 4px rgb(8, 205,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.383, 174.246 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, 171) }
```

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

```
.background{ background-color: rgb(8, 205,  
171) }
```

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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