

Converting Colors

CIELCh(74, 44.938, 176.477)

Have a look what the booklet for
CIELCh(74, 44.938, 176.477)
contains.

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Color

CIELCh(74, 44.969, 176.303)

Conversions

Conversions Part 1

Format	Color
Hex	36CBAF
RGB	54, 203, 175
RGB Percent	21%, 80%, 69%
CMY	0.7870, 0.2031, 0.3130
CMYK	0.73, 0.00, 0.14, 0.20
HSL	169°, 59%, 50%
HSV	169°, 73%, 80%
XYZ	30.6988, 46.7039, 48.0548
YIQ	155.2570, -79.8160, -40.2960

Conversions

Conversions Part 2

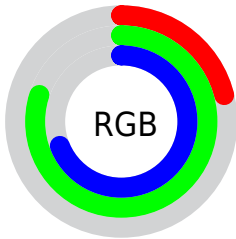
Format	Color
RYB	54, 136, 203
Decimal	3591087
CIELab	74.00, -44.88, 2.90
CIELCh	74, 44.969, 176.303
Yxy	46.7039, 0.2447, 0.3723
Android (android.graphics.Color)	4281781167 (0xFF36CBAF)
YUV	155.2570, 9.7333, -88.8024
Hunter-Lab	68.3403, -39.4123, 6.1472

Details

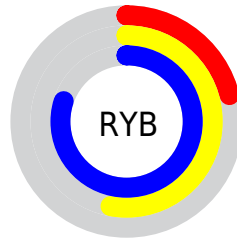
The CIELCh color **74, 44.969, 176.303** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **47, 62.496, 18.005**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 42.536, 178.964**, and **55, 39.700, 174.432** is the 20% darker color. If you saturate the color by 10%, you get **74, 48.121, 174.793**, and if you desaturate by 10%, it is **75, 40.946, 177.664**.

Distribution



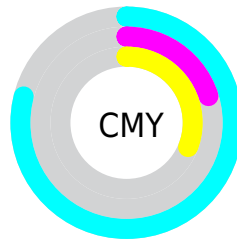
- Red (21%)
- Green (80%)
- Blue (69%)



- Red (21%)
- Yellow (53%)
- Blue (80%)



- Cyan (73%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)



- Cyan (79%)
- Magenta (20%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 44.969, 176.303 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, 44.969, 176.303 by changing the saturation by 10% instead.


 74, 44.969,
176.303

 74, 44.969,
176.303


 100, 44.969,
176.303


 64, 44.969,
176.303


 94, 44.969,
176.303

 54, 44.969,
176.303

 44, 44.969,
176.303

 34, 44.969,
176.303

 24, 44.969,
176.303

 14, 44.969,
176.303

 4, 44.969, 176.303

■ 0, 44.969, 176.303

■ 74, 44.969,
176.303

■ 74, 44.969,
176.303

■ 74, 48.121,
174.793

■ 75, 40.946,
177.664

■ 73, 50.446,
173.121

■ 75, 36.076,
178.901

■ 73, 51.690,
171.939

■ 76, 30.435,
180.036

■ 77, 24.131,
181.091

■ 78, 17.291,
182.084

■ 80, 10.043,
183.038

■ 81, 2.508, 184.083

■ 83, 5.209, 4.630

■ 85, 13.018, 5.513

Harmonies

Complementary

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



74, 44.969, 176.303



47, 62.496, 18.005

Rectangle

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



74, 44.969, 176.303



74, 44.969, 226.303



74, 44.969, 356.303



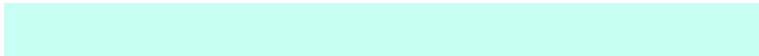
74, 44.969, 46.303

Sweetspot

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



74, 44.969, 176.302



96, 19.692, 182.179



73, 84.902, 134.554



51, 13.154, 181.913



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, 44.969, 176.302



90, 58.836, 173.827



61, 34.771, 244.649



42, 4.329, 183.409



61, 44.274, 172.223



13, 15.709, 176.443

Inverse Universe

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



47, 62.496, 18.005



55, 86.817, 25.147



54, 58.098, 48.767



40, 4.498, 4.962



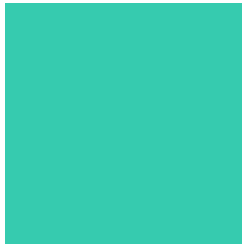
34, 67.552, 29.853



4, 18.182, 10.223

Previews

White Background



This preview shows how the CIELCh color 74, 44.969, 176.303 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, 44.969, 176.303 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

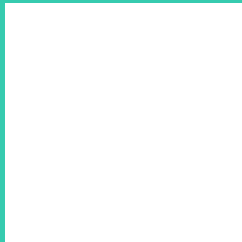
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 44.969, 176.303

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.969, 176.303.

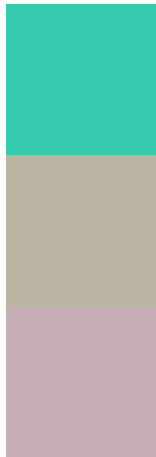


This preview shows how white text looks on a background with the CIELCh color 74, 44.969, 176.303.

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](#).

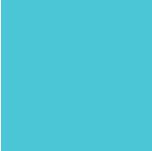
Dichromacy



Original Color
74, 44.969, 176.303

Protanopia
74, 9.680, 90.519

Deuteranopia
73, 8.938, 358.898



Tritanopia
74, 34.029, 212.022

Trichromacy



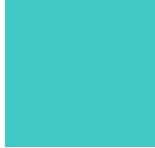
Original Color
74, 44.969, 176.303



Protanomaly
72, 21.264, 165.253



Deuteranomaly
72, 14.662, 185.332



Tritanomaly
74, 36.577, 196.743

Monochromacy



Original Color
74, 44.969, 176.303



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 20.469, 180.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.969, 176.303 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(54, 203, 175)` looks like.

```
.text, #text, p{  
    color:rgb(54, 203, 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(54, 203, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 203, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.969, 176.303 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(54, 203, 175) }
```

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

```
.border{ border-color:rgb(54, 203, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 203, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(54, 203, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(54, 203, 175); box-shadow:4px 4px 4px 4px rgb(54, 203, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.969, 176.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 203, 175) }
```

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

```
.background{ background-color: rgb(54, 203,  
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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