

Converting Colors

CIELCh(74, 40.778, 173.643)

Have a look what the booklet for
CIELCh(74, 40.778, 173.643)
contains.

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Color

CIELCh(74, 40.778, 173.643)

Conversions

Conversions Part 1

Format	Color
Hex	51C9AC
RGB	81, 201, 172
RGB Percent	32%, 79%, 67%
CMY	0.6807, 0.2103, 0.3241
CMYK	0.60, 0.00, 0.14, 0.21
HSL	165°, 53%, 55%
HSV	165°, 60%, 79%
XYZ	31.8810, 46.7039, 46.5416
YIQ	161.8140, -62.2110, -34.4590

Conversions

Conversions Part 2

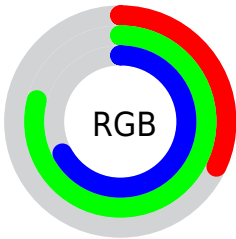
Format	Color
RYB	81, 149, 201
Decimal	5360044
CIELab	74.00, -40.53, 4.52
CIELCh	74, 40.778, 173.643
Yxy	46.7039, 0.2548, 0.3733
Android (android.graphics.Color)	4283550124 (0xFF51C9AC)
YUV	161.8140, 5.0217, -70.8739
Hunter-Lab	68.3403, -36.3246, 7.4601

Details

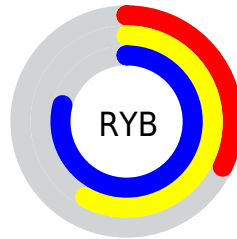
The CIELCh color **74, 40.778, 173.643** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **51, 50.902, 9.317**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.149, 175.203**, and **54, 39.742, 173.475** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.525, 172.176**, and if you desaturate by 10%, it is **75, 35.242, 174.965**.

Distribution



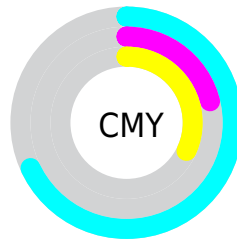
- Red (32%)
- Green (79%)
- Blue (67%)



- Red (32%)
- Yellow (58%)
- Blue (79%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)




- Cyan (68%)
- Magenta (21%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.778, 173.643 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, 40.778, 173.643 by changing the saturation by 10% instead.


 74, 40.778,
173.643


 74, 40.778,
173.643


 100, 40.778,
173.643


 64, 40.778,
173.643


 94, 40.778,
173.643

 54, 40.778,
173.643

 44, 40.778,
173.643

 34, 40.778,
173.643

 24, 40.778,
173.643

 14, 40.778,
173.643

 4, 40.778, 173.643

■ 0, 40.778, 173.643

■ 74, 40.778,
173.643

■ 74, 40.778,
173.643

■ 73, 45.525,
172.176

■ 75, 35.242,
174.965

■ 73, 49.430,
170.543

■ 76, 29.013,
176.170

■ 73, 52.503,
168.728

■ 77, 22.212,
177.280

■ 72, 54.909,
166.766

■ 78, 14.971,
178.315

■ 72, 55.009,
166.683

■ 80, 7.415, 179.309

■ 81, 0.341, 358.682

■ 83, 8.200, 0.948

■ 85, 16.082, 1.801

■ 86, 21.225,
359.804

Harmonies

Complementary

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



74, 40.778, 173.643



51, 50.902, 9.317

Rectangle

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



74, 40.778, 173.643



74, 40.778, 223.643



74, 40.778, 353.643



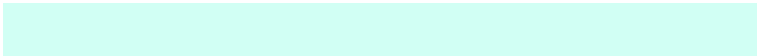
74, 40.778, 43.643

Sweetspot

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



74, 40.778, 173.642



97, 16.712, 178.448



74, 70.365, 134.046



51, 11.560, 178.151



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, 40.778, 173.642



91, 55.607, 171.797



66, 29.516, 232.353



41, 4.351, 179.329



60, 46.842, 167.017



11, 15.833, 172.194

Inverse Universe

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



51, 50.902, 9.317



59, 72.173, 13.227



57, 45.914, 44.533



39, 4.495, 0.934



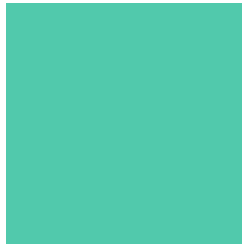
34, 64.544, 25.565



4, 16.308, 7.075

Previews

White Background



This preview shows how the CIELCh color 74, 40.778, 173.643 looks on a white background.

Color Contrast Check

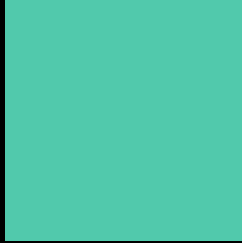
Large Text (above 18pt) WCAG AA × Fail

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, 40.778, 173.643 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

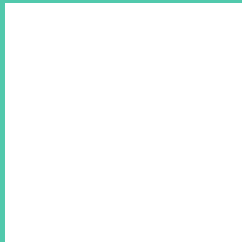
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.778, 173.643

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.778, 173.643.

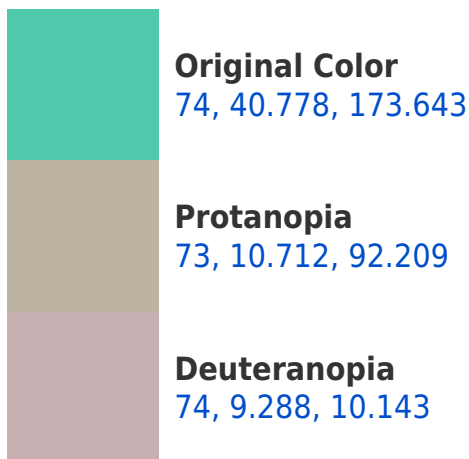


This preview shows how white text looks on a background with the CIELCh color 74, 40.778, 173.643.

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, 29.954, 214.384

Trichromacy



Original Color
74, 40.778, 173.643



Protanomaly
73, 19.192, 157.430



Deuteranomaly
73, 11.726, 173.825

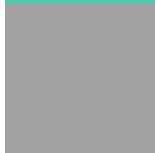


Tritanomaly
74, 31.935, 197.053

Monochromacy



Original Color
74, 40.778, 173.643



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 16.528, 178.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.778, 173.643 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(81, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(81, 201, 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(81, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 201, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.778, 173.643 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(81, 201, 172) }
```

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

```
.border{ border-color:rgb(81, 201, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 201, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(81, 201,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.778, 173.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 201, 172) }
```

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

```
.background{ background-color: rgb(81, 201,  
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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