

Converting Colors

CIELCh(73, 39.320, 177.024)

Have a look what the booklet for
CIELCh(73, 39.320, 177.024)
contains.

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Color

CIELCh(73, 39.305, 176.987)

Conversions

Conversions Part 1

Format	Color
Hex	4EC6AE
RGB	78, 198, 174
RGB Percent	31%, 78%, 68%
CMY	0.6933, 0.2228, 0.3169
CMYK	0.61, 0.00, 0.12, 0.22
HSL	168°, 51%, 54%
HSV	168°, 61%, 78%
XYZ	31.0531, 45.1644, 47.2167
YIQ	159.3840, -63.8160, -32.9040

Conversions

Conversions Part 2

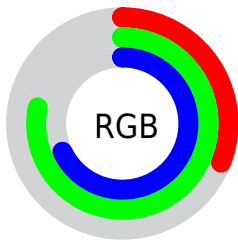
Format	Color
RYB	78, 145, 198
Decimal	5162670
CIELab	73.00, -39.25, 2.07
CIELCh	73, 39.305, 176.987
Yxy	45.1644, 0.2516, 0.3659
Android (android.graphics.Color)	4283352750 (0xFF4EC6AE)
YUV	159.3840, 7.2057, -71.3738
Hunter-Lab	67.2044, -35.1286, 5.3870

Details

The CIELCh color **73, 39.305, 176.987** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **50, 51.112, 12.800**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.323, 176.892**, and **53, 37.675, 176.928** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.582, 175.624**, and if you desaturate by 10%, it is **74, 34.223, 178.223**.

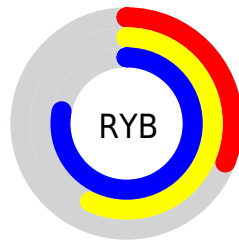
Distribution



Red (31%)

Green (78%)

Blue (68%)



Red (31%)

Yellow (57%)

Blue (78%)

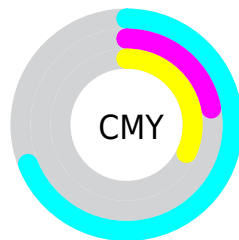


Cyan (61%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (69%)


Magenta (22%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.305, 176.987 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 73, 39.305, 176.987 by changing the saturation by 10% instead.


 73, 39.305,
176.987


 73, 39.305,
176.987


 100, 39.305,
176.987


 63, 39.305,
176.987


 93, 39.305,
176.987

 53, 39.305,
176.987

 43, 39.305,
176.987

 33, 39.305,
176.987

 23, 39.305,
176.987

 13, 39.305,
176.987

 3, 39.305, 176.987

■ 0, 39.305, 176.987

■ 73, 39.305,
176.987

■ 73, 39.305,
176.987

■ 72, 43.582,
175.624

■ 74, 34.223,
178.223

■ 72, 47.011,
174.114

■ 75, 28.421,
179.359

■ 72, 49.615,
172.439

■ 76, 22.014,
180.415

■ 72, 51.496,
170.736

■ 77, 15.127,
181.409

■ 78, 7.884, 182.371

■ 80, 0.401, 184.457

■ 82, 7.225, 3.973

■ 83, 14.912, 4.828

■ 85, 22.014, 5.147

Harmonies

Complementary

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



73, 39.305, 176.987



50, 51.112, 12.800

Rectangle

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



73, 39.305, 176.987



73, 39.305, 226.987



73, 39.305, 356.987



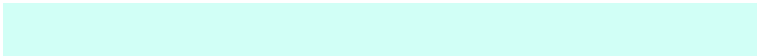
73, 39.305, 46.987

Sweetspot

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



73, 39.305, 176.986



97, 16.337, 181.629



72, 71.122, 134.823



51, 11.291, 181.342



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 39.305, 176.986



91, 54.282, 175.105



64, 29.736, 237.933



41, 4.263, 182.483



60, 44.424, 171.021



11, 15.213, 175.705

Inverse Universe

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



50, 51.112, 12.800



59, 74.526, 17.327



56, 45.499, 47.409



39, 4.423, 4.047



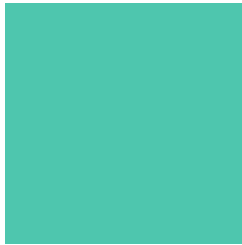
34, 66.226, 28.884



3, 16.182, 9.150

Previews

White Background



This preview shows how the CIELCh color 73, 39.305, 176.987 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 73, 39.305, 176.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

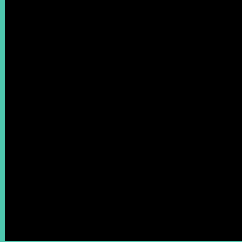
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

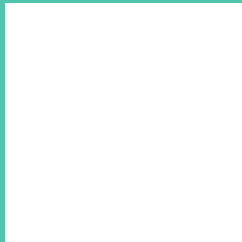
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 39.305, 176.987

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.305, 176.987.

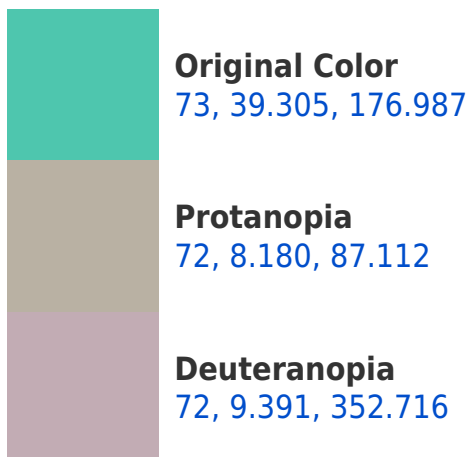


This preview shows how white text looks on a background with the CIELCh color 73, 39.305, 176.987.

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
73, 30.093, 214.327

Trichromacy



Original Color
73, 39.305, 176.987



Protanomaly
72, 17.462, 163.900



Deuteranomaly
72, 11.075, 187.156

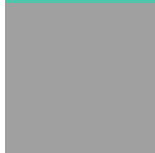


Tritanomaly
73, 31.972, 198.015

Monochromacy



Original Color
73, 39.305, 176.987



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 16.646, 180.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.305, 176.987 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(78, 198, 174)` looks like.

```
.text, #text, p{  
    color:rgb(78, 198, 174)  
}
```

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(78, 198, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 198, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.305, 176.987 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(78, 198, 174) }
```

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

```
.border{ border-color:rgb(78, 198, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 198, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 198, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 198, 174);  
box-shadow:4px 4px 4px 4px rgb(78, 198,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.305, 176.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 198, 174) }
```

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

```
.background{ background-color: rgb(78, 198,  
174) }
```

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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