

Converting Colors

CIELCh(74, 39.791, 196.535)

Have a look what the booklet for
CIELCh(74, 39.791, 196.535)
contains.

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Color

CIELCh(74, 39.739, 196.534)

Conversions

Conversions Part 1

Format	Color
Hex	2BC9C9
RGB	43, 201, 201
RGB Percent	17%, 79%, 79%
CMY	0.8323, 0.2102, 0.2102
CMYK	0.79, 0.00, 0.00, 0.21
HSL	180°, 65%, 48%
HSV	180°, 79%, 79%
XYZ	32.5551, 46.7039, 62.8012
YIQ	153.7580, -94.1680, -33.4960

Conversions

Conversions Part 2

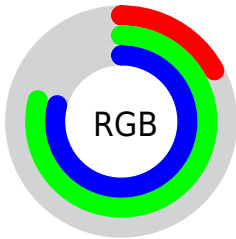
Format	Color
RYB	43, 122, 201
Decimal	2869705
CIELab	74.00, -38.10, -11.31
CIELCh	74, 39.739, 196.534
Yxy	46.7039, 0.2292, 0.3288
Android (android.graphics.Color)	4281059785 (0xFF2BC9C9)
YUV	153.7580, 23.2903, -97.1348
Hunter-Lab	68.3403, -34.5639, -6.6463

Details

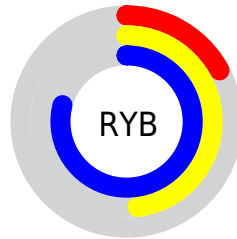
The CIELCh color **74, 39.739, 196.534** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **45, 72.605, 33.424**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.875, 197.039**, and **55, 32.922, 197.422** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.173, 196.434**, and if you desaturate by 10%, it is **74, 37.429, 196.693**.

Distribution



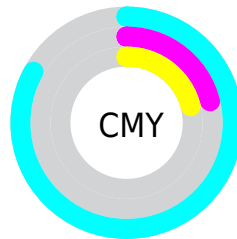
- Red (17%)
- Green (79%)
- Blue (79%)



- Red (17%)
- Yellow (48%)
- Blue (79%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (83%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 39.739, 196.534 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, 39.739, 196.534 by changing the saturation by 10% instead.


 74, 39.739,
196.534


 74, 39.739,
196.534


 100, 39.739,
196.534


 64, 39.739,
196.534


 94, 39.739,
196.534

 54, 39.739,
196.534

 44, 39.739,
196.534

 34, 39.739,
196.534

 24, 39.739,
196.534

 14, 39.739,
196.534

 4, 39.739, 196.534

0, 39.739, 196.534

74, 39.739,
196.534

74, 39.739,
196.534

74, 41.173,
196.434

74, 37.429,
196.693

74, 41.885,
196.385

75, 34.206,
196.918

74, 41.956,
196.380

76, 30.089,
197.209

76, 25.139,
197.564

77, 19.450,
197.981

78, 13.135,
198.458

■ 80, 6.310, 199.013

■ 81, 0.910, 18.862

■ 83, 8.420, 19.982

Harmonies

Complementary

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



74, 39.739, 196.534



45, 72.605, 33.424

Rectangle

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



74, 39.739, 196.534



74, 39.739, 246.534



74, 39.739, 16.534



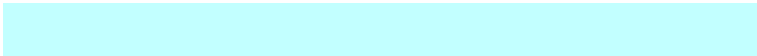
74, 39.739, 66.534

Sweetspot

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



74, 39.739, 196.533



96, 19.973, 198.185



71, 91.717, 137.070



51, 13.543, 198.018



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, 39.739, 196.533



91, 49.858, 196.395



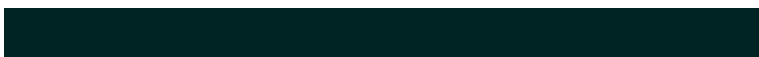
51, 46.758, 273.127



41, 4.034, 198.975



61, 35.890, 196.380



12, 12.984, 196.381

Inverse Universe

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



45, 72.605, 33.424



54, 102.071, 39.010



58, 59.240, 63.647



39, 4.279, 19.919



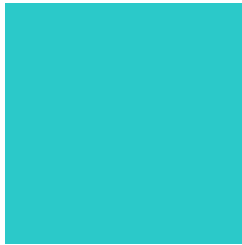
34, 74.643, 39.775



3, 15.885, 19.403

Previews

White Background



This preview shows how the CIELCh color 74, 39.739, 196.534 looks on a white background.

Color Contrast Check

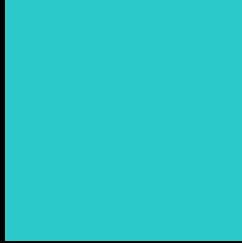
Large Text (above 18pt) WCAG AA × Fail

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, 39.739, 196.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

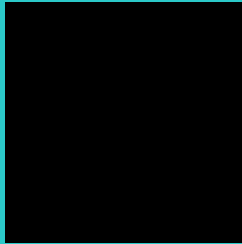
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

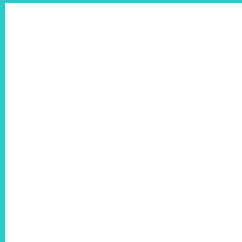
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 39.739, 196.534

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.739, 196.534.



This preview shows how white text looks on a background with the CIELCh color 74, 39.739, 196.534.

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](#).

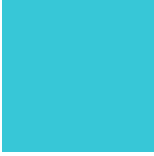
Dichromacy



Original Color
74, 39.647, 196.540

Protanopia
73, 4.954, 299.158

Deuteranopia
73, 17.192, 302.373



Tritanopia
74, 36.847, 210.672

Trichromacy



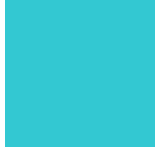
Original Color
74, 39.647, 196.540



Protanomaly
72, 18.855, 208.058



Deuteranomaly
72, 19.685, 232.127



Tritanomaly
74, 37.668, 205.131

Monochromacy



Original Color
74, 39.647, 196.540



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 19.403, 197.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.739, 196.534 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(43, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(43, 201, 201)  
}
```

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(43, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.739, 196.534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

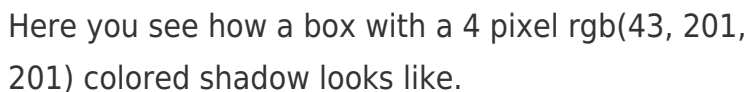
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(43, 201, 201) }
```

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

```
.border{ border-color:rgb(43, 201, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(43, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(43, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.739, 196.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 201, 201) }
```

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

```
.background{ background-color: rgb(43, 201,  
201) }
```

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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