

Converting Colors

CIELCh(74, 39.943, 196.113)

Have a look what the booklet for
CIELCh(74, 39.943, 196.113)
contains.

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Color

CIELCh(74, 40.052, 195.733)

Conversions

Conversions Part 1

Format	Color
Hex	29CAC9
RGB	41, 202, 201
RGB Percent	16%, 79%, 79%
CMY	0.8386, 0.2096, 0.2135
CMYK	0.80, 0.00, 0.00, 0.21
HSL	180°, 66%, 48%
HSV	180°, 80%, 79%
XYZ	32.4281, 46.7039, 62.2947
YIQ	153.7470, -95.6350, -34.4430

Conversions

Conversions Part 2

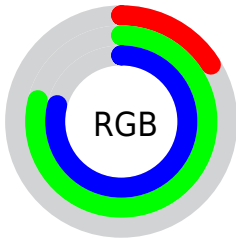
Format	Color
RYB	41, 122, 202
Decimal	2738889
CIELab	74.00, -38.55, -10.86
CIELCh	74, 40.052, 195.733
Yxy	46.7039, 0.2293, 0.3302
Android (android.graphics.Color)	4280928969 (0xFF29CAC9)
YUV	153.7470, 23.2957, -98.8791
Hunter-Lab	68.3403, -34.8957, -6.2068

Details

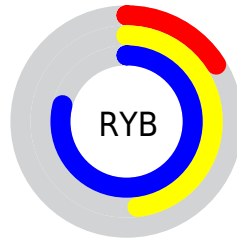
The CIELCh color **74, 40.052, 195.733** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **45, 73.121, 33.356**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.067, 197.028**, and **55, 33.239, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.444, 195.567**, and if you desaturate by 10%, it is **74, 37.788, 195.947**.

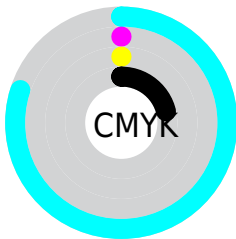
Distribution



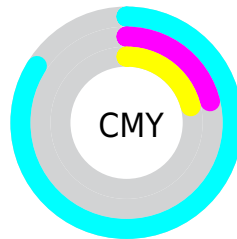
- Red (16%)
- Green (79%)
- Blue (79%)



- Red (16%)
- Yellow (48%)
- Blue (79%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (84%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.052, 195.733 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, 40.052, 195.733 by changing the saturation by 10% instead.


 74, 40.052,
195.733


 74, 40.052,
195.733


 100, 40.052,
195.733


 64, 40.052,
195.733


 94, 40.052,
195.733

 54, 40.052,
195.733

 44, 40.052,
195.733

 34, 40.052,
195.733

 24, 40.052,
195.733

 14, 40.052,
195.733

 4, 40.052, 195.733

0, 40.052, 195.733

74, 40.052,
195.733

74, 40.052,
195.733

74, 41.444,
195.567

74, 37.788,
195.947

74, 42.143,
195.439

75, 34.613,
196.217

74, 42.168,
195.433

75, 30.540,
196.545

76, 25.630,
196.930

77, 19.976,
197.372

78, 13.689,
197.868

■ 80, 6.889, 198.433

■ 81, 0.311, 17.131

■ 83, 7.804, 19.430

Harmonies

Complementary

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



74, 40.052, 195.733



45, 73.121, 33.356

Rectangle

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



74, 40.052, 195.733



74, 40.052, 245.733



74, 40.052, 15.733



74, 40.052, 65.733

Sweetspot

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



74, 40.052, 195.732



96, 19.994, 197.625



71, 92.306, 137.002



51, 13.560, 197.449



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, 40.052, 195.732



91, 50.073, 195.479



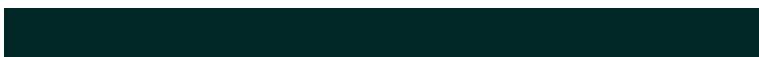
51, 47.239, 273.474



42, 4.121, 198.444



62, 36.462, 195.447



13, 13.561, 195.640

Inverse Universe

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



45, 73.121, 33.356



54, 101.829, 38.831



58, 59.891, 63.514



40, 4.369, 19.423



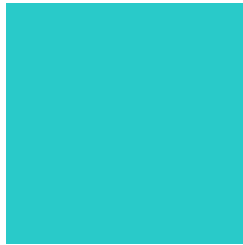
34, 75.298, 39.573



4, 17.912, 19.099

Previews

White Background



This preview shows how the CIELCh color 74, 40.052, 195.733 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, 40.052, 195.733 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

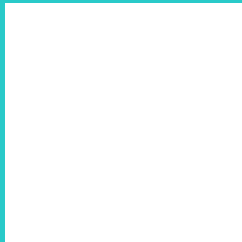
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.052, 195.733

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.052, 195.733.

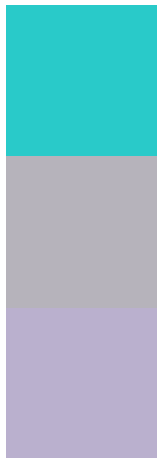


This preview shows how white text looks on a background with the CIELCh color 74, 40.052, 195.733.

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

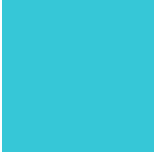
74, 40.142, 195.728

Protanopia

73, 4.499, 304.788

Deuteranopia

74, 16.733, 303.888



Tritanopia
74, 36.957, 210.624

Trichromacy



Original Color
74, 40.142, 195.728



Protanomaly
72, 18.838, 206.366



Deuteranomaly
72, 19.453, 230.644



Tritanomaly
74, 37.876, 205.071

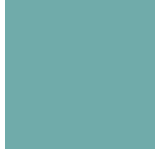
Monochromacy



Original Color
74, 40.142, 195.728



Achromatopsia
63, 0.008, 296.813



Achromatomaly
66, 20.072, 196.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.052, 195.733 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(41, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(41, 202, 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(41, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 202, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.052, 195.733 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(41, 202, 201) }
```

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

```
.border{ border-color:rgb(41, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(41, 202,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.052, 195.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 202, 201) }
```

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

```
.background{ background-color: rgb(41, 202,  
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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