

Converting Colors

CIELCh(74, 42.141, 195.480)

Have a look what the booklet for
CIELCh(74, 42.141, 195.480)
contains.

CIELCh(74, 42.056, 195.632)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 42.056, 195.632)

Conversions

Conversions Part 1

Format	Color
Hex	07CAC9
RGB	7, 202, 201
RGB Percent	3%, 79%, 79%
CMY	0.9718, 0.2063, 0.2103
CMYK	0.96, 0.00, 0.00, 0.21
HSL	180°, 93%, 41%
HSV	180°, 96%, 79%
XYZ	31.8884, 46.7039, 62.8275
YIQ	143.5810, -115.8990, -41.6510

Conversions

Conversions Part 2

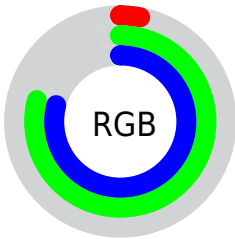
Format	Color
RYB	7, 105, 202
Decimal	510665
CIELab	74.00, -40.50, -11.33
CIELCh	74, 42.056, 195.632
Yxy	46.7039, 0.2255, 0.3303
Android (android.graphics.Color)	4278700745 (0xFF07CAC9)
YUV	143.5810, 28.3076, -119.7815
Hunter-Lab	68.3403, -36.3053, -6.6691

Details

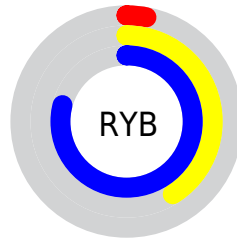
The CIELCh color **74, 42.056, 195.632** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **42, 85.698, 38.901**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.894, 196.920**, and **55, 33.239, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **74, 42.265, 195.592**, and if you desaturate by 10%, it is **74, 41.198, 195.754**.

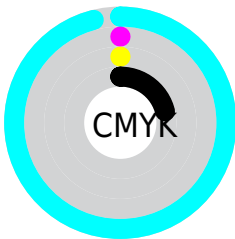
Distribution



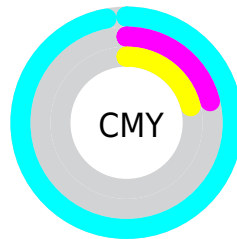
- Red (3%)
- Green (79%)
- Blue (79%)



- Red (3%)
- Yellow (41%)
- Blue (79%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)




- Cyan (97%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 42.056, 195.632 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, 42.056, 195.632 by changing the saturation by 10% instead.


 74, 42.056,
195.632


 74, 42.056,
195.632


 100, 42.056,
195.632


 64, 42.056,
195.632


 94, 42.056,
195.632

 54, 42.056,
195.632

 44, 42.056,
195.632

 34, 42.056,
195.632

 24, 42.056,
195.632

 14, 42.056,
195.632

 4, 42.056, 195.632

0, 42.056, 195.632

74, 42.056,
195.632

74, 42.056,
195.632

74, 42.265,
195.592

74, 41.198,
195.754

74, 39.542,
195.923

75, 36.992,
196.145

75, 33.525,
196.425

76, 29.172,
196.764

77, 24.005,
197.162

■ 78, 18.124,
197.616

■ 79, 11.644,
198.127

■ 80, 4.685, 198.732

Harmonies

Complementary

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



74, 42.056, 195.632



42, 85.698, 38.901

Rectangle

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



74, 42.056, 195.632



74, 42.056, 245.632



74, 42.056, 15.632



74, 42.056, 65.632

Sweetspot

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



74, 42.055, 195.631



95, 23.715, 197.477



71, 99.747, 136.082



50, 15.995, 197.281



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, 42.055, 195.631



91, 50.305, 195.582



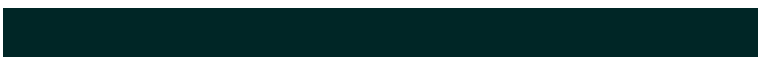
46, 56.940, 281.115



42, 4.121, 198.534



62, 36.435, 195.604



13, 13.553, 195.765

Inverse Universe

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



42, 85.698, 38.901



53, 104.367, 39.856



54, 70.467, 59.852



40, 4.369, 19.507



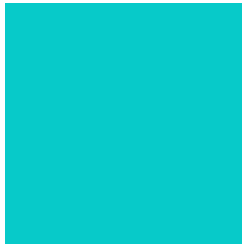
34, 75.340, 39.615



4, 17.912, 19.150

Previews

White Background



This preview shows how the CIELCh color 74, 42.056, 195.632 looks on a white background.

Color Contrast Check

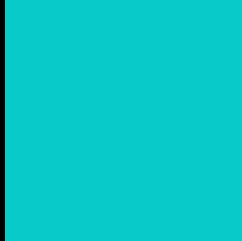
Large Text (above 18pt) WCAG AA × Fail

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, 42.056, 195.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

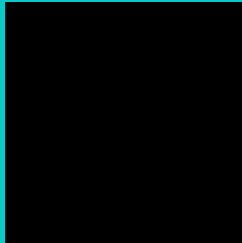
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

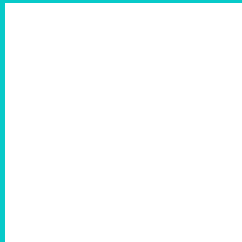
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 42.056, 195.632

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.056, 195.632.

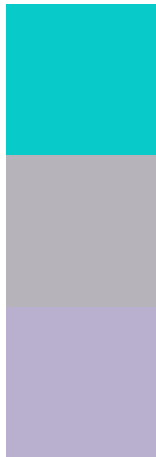


This preview shows how white text looks on a background with the CIELCh color 74, 42.056, 195.632.

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

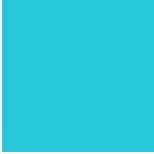
74, 41.999, 195.635

Protanopia

73, 4.499, 304.788

Deuteranopia

73, 17.192, 302.373

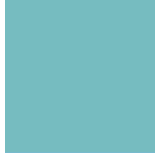


Tritanopia
74, 38.598, 209.921

Trichromacy



Original Color
74, 41.999, 195.635



Protanomaly
72, 22.778, 203.224



Deuteranomaly
72, 22.799, 225.226

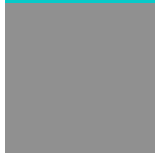


Tritanomaly
74, 39.778, 204.548

Monochromacy



Original Color
74, 41.999, 195.635



Achromatopsia
60, 0.008, 296.813



Achromatomaly
63, 23.317, 197.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.056, 195.632 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(7, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(7, 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(7, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 202, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.056, 195.632 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(7, 202, 201) }
```

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

```
.border{ border-color:rgb(7, 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(7, 202, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(7, 202,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.056, 195.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 202, 201) }
```

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

```
.background{ background-color: rgb(7, 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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