

Converting Colors

CIELCh(74, 40.725, 204.748)

Have a look what the booklet for
CIELCh(74, 40.725, 204.748)
contains.

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Color

CIELCh(74, 40.625, 205.121)

Conversions

Conversions Part 1

Format	Color
Hex	04C9D4
RGB	4, 201, 212
RGB Percent	2%, 79%, 83%
CMY	0.9853, 0.2106, 0.1675
CMYK	0.98, 0.05, 0.00, 0.17
HSL	183°, 97%, 42%
HSV	183°, 98%, 83%
XYZ	32.9231, 46.7039, 69.7630
YIQ	143.3510, -120.9430, -38.3430

Conversions

Conversions Part 2

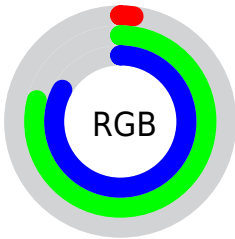
Format	Color
RYB	4, 105, 212
Decimal	313812
CIELab	74.00, -36.78, -17.25
CIELCh	74, 40.625, 205.121
Yxy	46.7039, 0.2204, 0.3126
Android (android.graphics.Color)	4278503892 (0xFF04C9D4)
YUV	143.3510, 33.8440, -122.2108
Hunter-Lab	68.3403, -33.6026, -12.6861

Details

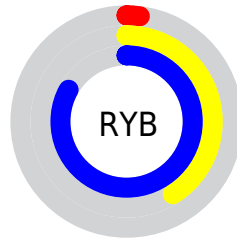
The CIELCh color **74, 40.625, 205.121** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **45, 89.383, 40.048**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.719, 196.930**, and **55, 31.944, 208.199** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.680, 205.261**, and if you desaturate by 10%, it is **74, 40.127, 204.362**.

Distribution



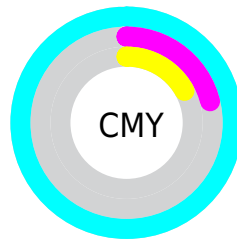
- Red (2%)
- Green (79%)
- Blue (83%)



- Red (2%)
- Yellow (41%)
- Blue (83%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)





- Cyan (99%)
- Magenta (21%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.625, 205.121 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, 40.625, 205.121 by changing the saturation by 10% instead.


 74, 40.625,
205.121


 74, 40.625,
205.121


 100, 40.625,
205.121


 64, 40.625,
205.121


 94, 40.625,
205.121

 54, 40.625,
205.121

 44, 40.625,
205.121

 34, 40.625,
205.121

 24, 40.625,
205.121

 14, 40.625,
205.121

 4, 40.625, 205.121

■ 0, 40.625, 205.121

■ 74, 40.625,
205.121

■ 74, 40.625,
205.121

■ 74, 40.680,
205.261

■ 74, 40.127,
204.362

■ 75, 38.848,
203.779

■ 76, 36.653,
203.374

■ 77, 33.514,
203.135

■ 78, 29.458,
203.042

■ 79, 24.559,
203.079

■ 80, 18.919,
203.228

■ 82, 12.653,
203.477

■ 84, 5.880, 203.838

Harmonies

Complementary

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



74, 40.625, 205.121



45, 89.383, 40.048

Rectangle

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



74, 40.625, 205.121



74, 40.625, 255.121



74, 40.625, 25.121



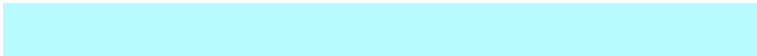
74, 40.625, 75.121

Sweetspot

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



74, 40.624, 205.120



94, 22.452, 203.208



74, 103.037, 136.424



50, 15.137, 203.135



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, 40.624, 205.120



87, 46.683, 205.361



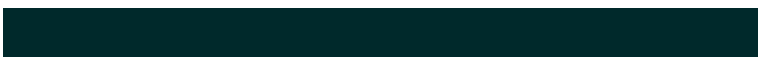
43, 68.729, 288.306



44, 4.068, 203.786



61, 34.634, 205.119



14, 13.740, 203.423

Inverse Universe

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



50, 96.273, 330.422



60, 110.795, 330.493



59, 72.285, 64.965



42, 7.571, 326.392



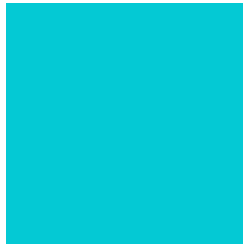
40, 82.158, 330.433



6, 31.715, 329.818

Previews

White Background



This preview shows how the CIE LCh color 74, 40.625, 205.121 looks on a white background.

Color Contrast Check

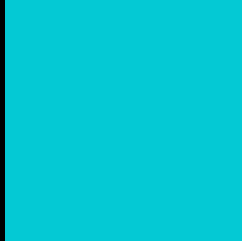
Large Text (above 18pt) WCAG AA × Fail

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, 40.625, 205.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

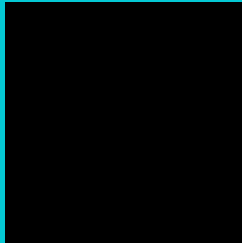
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.625, 205.121

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.625, 205.121.

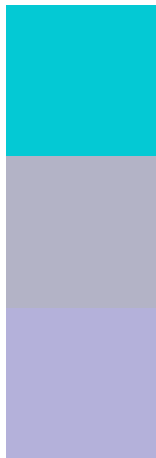


This preview shows how white text looks on a background with the CIELCh color 74, 40.625, 205.121.

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

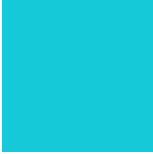
74, 40.570, 205.136

Protanopia

73, 10.313, 291.168

Deuteranopia

74, 22.304, 294.894



Tritanopia
74, 39.724, 209.467

Trichromacy



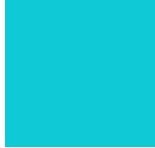
Original Color
74, 40.570, 205.136



Protanomaly
72, 23.791, 219.511



Deuteranomaly
72, 26.068, 237.280



Tritanomaly
74, 40.080, 207.699

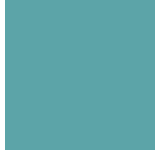
Monochromacy



Original Color
74, 40.570, 205.136



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 23.295, 203.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.625, 205.121 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(4, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(4, 201, 212)  
}
```

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(4, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 201, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.625, 205.121 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(4, 201, 212) }
```

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

```
.border{ border-color:rgb(4, 201, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(4, 201,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.625, 205.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 201, 212) }
```

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

```
.background{ background-color: rgb(4, 201,  
212) }
```

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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