

Converting Colors

CIELCh(74, 41.600, 191.349)

Have a look what the booklet for
CIELCh(74, 41.600, 191.349)
contains.

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Color

CIELCh(74, 41.454, 191.847)

Conversions

Conversions Part 1

Format	Color
Hex	23CAC4
RGB	35, 202, 196
RGB Percent	14%, 79%, 77%
CMY	0.8608, 0.2070, 0.2305
CMYK	0.82, 0.00, 0.03, 0.21
HSL	178°, 70%, 47%
HSV	178°, 82%, 79%
XYZ	31.8690, 46.7039, 59.6870
YIQ	151.3830, -97.6060, -37.2700

Conversions

Conversions Part 2

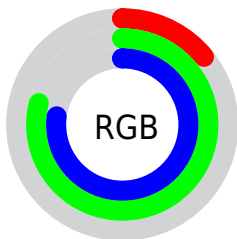
Format	Color
RYB	35, 120, 202
Decimal	2345668
CIELab	74.00, -40.57, -8.51
CIELCh	74, 41.454, 191.847
Yxy	46.7039, 0.2305, 0.3378
Android (android.graphics.Color)	4280535748 (0xFF23CAC4)
YUV	151.3830, 21.9962, -102.0679
Hunter-Lab	68.3403, -36.3560, -3.9445

Details

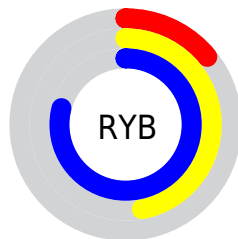
The CIELCh color **74, 41.454, 191.847** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **44, 74.500, 32.661**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.861, 195.470**, and **55, 34.132, 191.388** is the 20% darker color. If you saturate the color by 10%, you get **74, 42.750, 191.353**, and if you desaturate by 10%, it is **74, 39.303, 192.335**.

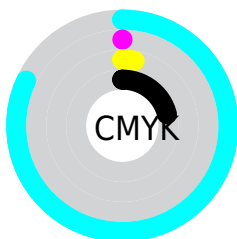
Distribution



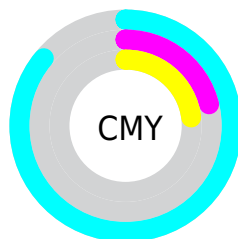
- Red (14%)
- Green (79%)
- Blue (77%)



- Red (14%)
- Yellow (47%)
- Blue (79%)



- Cyan (82%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)




- Cyan (86%)
- Magenta (21%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.454, 191.847 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, 41.454, 191.847 by changing the saturation by 10% instead.

 74, 41.454,
191.847

 74, 41.454,
191.847

 100, 41.454,
191.847


 64, 41.454,
191.847


 94, 41.454,
191.847

 54, 41.454,
191.847

 44, 41.454,
191.847

 34, 41.454,
191.847

 24, 41.454,
191.847

 14, 41.454,
191.847

 4, 41.454, 191.847

■ 0, 41.454, 191.847

■ 74, 41.454,
191.847

■ 74, 41.454,
191.847

■ 74, 42.750,
191.353

■ 74, 39.303,
192.335

■ 74, 43.320,
190.976

■ 75, 36.244,
192.832

■ 75, 32.281,
193.347

■ 76, 27.469,
193.885

■ 77, 21.901,
194.450

■ 78, 15.686,
195.047

■ 80, 8.946, 195.683

■ 81, 1.799, 196.559

■ 83, 5.648, 16.801

Harmonies

Complementary

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



74, 41.454, 191.847



44, 74.500, 32.661

Rectangle

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



74, 41.454, 191.847



74, 41.454, 241.847



74, 41.454, 11.847



74, 41.454, 61.847

Sweetspot

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



74, 41.454, 191.846



96, 20.891, 194.871



72, 93.864, 136.445



51, 14.079, 194.658



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, 41.454, 191.846



91, 51.544, 190.956



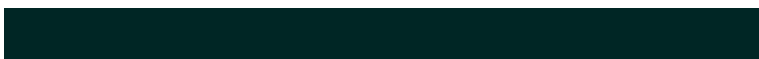
52, 46.211, 270.803



42, 4.135, 195.893



61, 37.353, 191.050



13, 13.816, 192.127

Inverse Universe

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



44, 74.500, 32.661



53, 102.718, 38.836



56, 62.617, 60.148



40, 4.370, 17.008



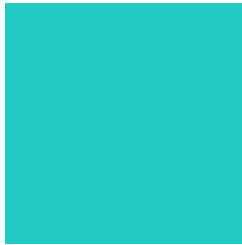
34, 74.087, 38.350



4, 17.927, 17.629

Previews

White Background



This preview shows how the CIELCh color 74, 41.454, 191.847 looks on a white background.

Color Contrast Check

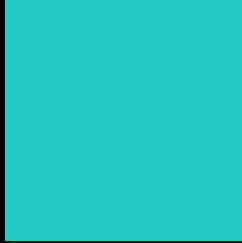
Large Text (above 18pt) WCAG AA × Fail

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, 41.454, 191.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

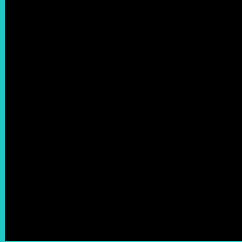
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

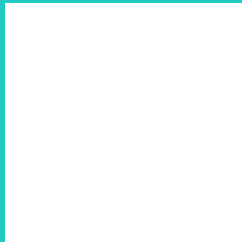
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 41.454, 191.847

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.454, 191.847.

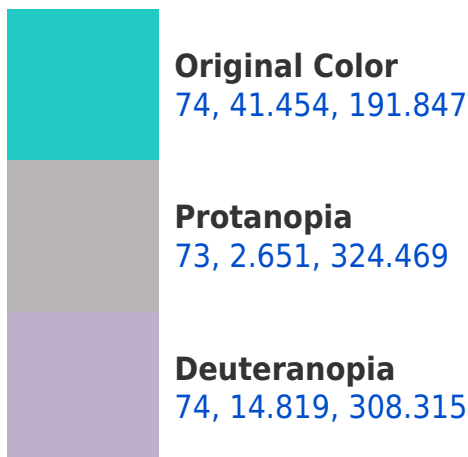


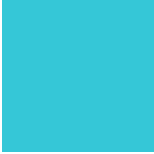
This preview shows how white text looks on a background with the CIELCh color 74, 41.454, 191.847.

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
74, 37.064, 210.576

Trichromacy



Original Color
74, 41.454, 191.847



Protanomaly
72, 19.521, 199.515



Deuteranomaly
72, 18.743, 222.344



Tritanomaly
74, 38.217, 203.293

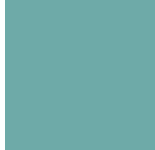
Monochromacy



Original Color
74, 41.454, 191.847



Achromatopsia
63, 0.008, 296.813



Achromatomaly
66, 20.469, 194.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.454, 191.847 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(35, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(35, 202, 196)  
}
```

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(35, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 202, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.454, 191.847 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(35, 202, 196) }
```

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

```
.border{ border-color:rgb(35, 202, 196) }
```

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

Here you see how a box with a 4 pixel rgb(35, 202, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(35, 202,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.454, 191.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 202, 196) }
```

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

```
.background{ background-color: rgb(35, 202,  
196) }
```

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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