

Converting Colors

CIELCh(73, 41.233, 196.408)

Have a look what the booklet for
CIELCh(73, 41.233, 196.408)
contains.

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Color

CIELCh(73, 41.195, 196.413)

Conversions

Conversions Part 1

Format	Color
Hex	0EC7C7
RGB	14, 199, 199
RGB Percent	5%, 78%, 78%
CMY	0.9452, 0.2188, 0.2188
CMYK	0.93, 0.00, 0.00, 0.22
HSL	180°, 87%, 42%
HSV	180°, 93%, 78%
XYZ	30.9813, 45.1644, 61.2377
YIQ	143.6850, -110.2600, -39.2200

Conversions

Conversions Part 2

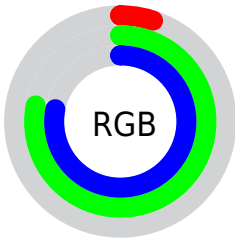
Format	Color
RYB	14, 107, 199
Decimal	968647
CIELab	73.00, -39.52, -11.64
CIELCh	73, 41.195, 196.413
Yxy	45.1644, 0.2255, 0.3287
Android (android.graphics.Color)	4279158727 (0xFF0EC7C7)
YUV	143.6850, 27.2703, -113.7337
Hunter-Lab	67.2044, -35.3193, -6.9828

Details

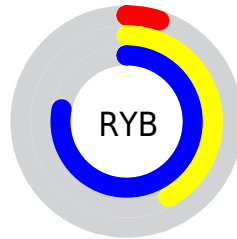
The CIELCh color **73, 41.195, 196.413** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **42, 83.008, 38.192**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.894, 196.920**, and **54, 32.591, 197.436** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.612, 196.383**, and if you desaturate by 10%, it is **73, 40.106, 196.487**.

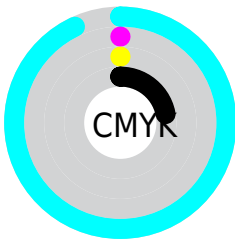
Distribution



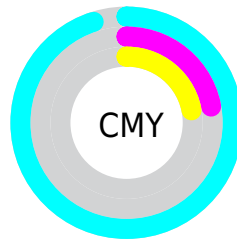
- Red (5%)
- Green (78%)
- Blue (78%)



- Red (5%)
- Yellow (42%)
- Blue (78%)



- Cyan (93%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (95%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 41.195, 196.413 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 73, 41.195, 196.413 by changing the saturation by 10% instead.


 73, 41.195,
196.413


 73, 41.195,
196.413


 100, 41.195,
196.413


 63, 41.195,
196.413


 93, 41.195,
196.413

 53, 41.195,
196.413

 43, 41.195,
196.413

 33, 41.195,
196.413

 23, 41.195,
196.413

 13, 41.195,
196.413

 3, 41.195, 196.413

■ 0, 41.195, 196.413

■ 73, 41.195,
196.413

■ 73, 41.195,
196.413

■ 73, 41.612,
196.383

■ 73, 40.106,
196.487

■ 73, 38.186,
196.621

■ 74, 35.371,
196.818

■ 74, 31.655,
197.081

■ 75, 27.085,
197.409

■ 76, 21.741,
197.801

■ 77, 15.729,
198.252

■ 78, 9.163, 198.767

■ 80, 2.159, 199.493

Harmonies

Complementary

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



73, 41.195, 196.413



42, 83.008, 38.192

Rectangle

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



73, 41.195, 196.413



73, 41.195, 246.413



73, 41.195, 16.413



73, 41.195, 66.413

Sweetspot

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



73, 41.194, 196.412



96, 22.961, 198.000



70, 97.694, 136.195



50, 15.581, 197.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 41.194, 196.412



91, 50.116, 196.383



46, 54.243, 279.462



41, 4.034, 198.977



61, 35.889, 196.383



12, 12.984, 196.384

Inverse Universe

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



42, 83.008, 38.192



53, 104.575, 40.000



54, 67.948, 60.799



39, 4.279, 19.921



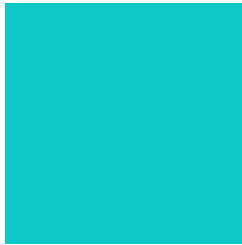
34, 74.644, 39.775



3, 15.885, 19.404

Previews

White Background



This preview shows how the CIELCh color 73, 41.195, 196.413 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 73, 41.195, 196.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

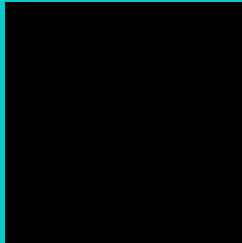
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

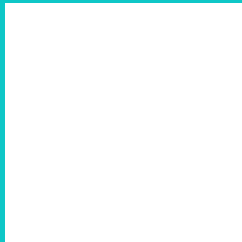
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 41.195, 196.413

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.195, 196.413.

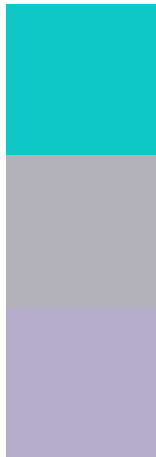


This preview shows how white text looks on a background with the CIELCh color 73, 41.195, 196.413.

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](#).

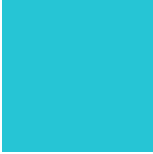
Dichromacy



Original Color
73, 41.161, 196.415

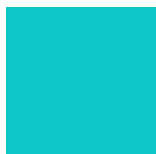
Protanopia
73, 4.428, 300.171

Deuteranopia
72, 17.779, 302.091

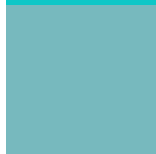


Tritanopia
73, 38.104, 210.140

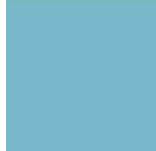
Trichromacy



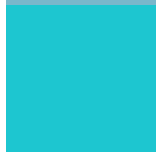
Original Color
73, 41.161, 196.415



Protanomaly
71, 21.678, 205.062



Deuteranomaly
71, 22.056, 228.014

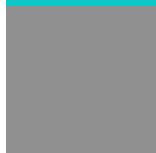


Tritanomaly
73, 39.170, 204.707

Monochromacy



Original Color
73, 41.161, 196.415



Achromatopsia
60, 0.008, 296.813



Achromatomaly
63, 22.257, 197.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.195, 196.413 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(14, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(14, 199, 199)  
}
```

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(14, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 199, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.195, 196.413 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(14, 199, 199) }
```

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

```
.border{ border-color:rgb(14, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(14, 199,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.195, 196.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 199, 199) }
```

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

```
.background{ background-color: rgb(14, 199,  
199) }
```

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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