

Converting Colors

CIELCh(73, 41.216, 194.870)

Have a look what the booklet for
CIELCh(73, 41.216, 194.870)
contains.

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Color

CIELCh(73, 41.168, 194.872)

Conversions

Conversions Part 1

Format	Color
Hex	16C7C5
RGB	22, 199, 197
RGB Percent	9%, 78%, 77%
CMY	0.9145, 0.2187, 0.2265
CMYK	0.89, 0.00, 0.01, 0.22
HSL	179°, 80%, 43%
HSV	179°, 89%, 78%
XYZ	30.9077, 45.1644, 60.0505
YIQ	145.8490, -104.8500, -38.1460

Conversions

Conversions Part 2

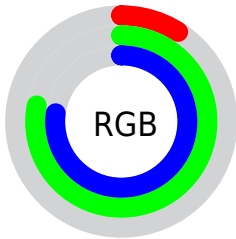
Format	Color
RYB	22, 111, 199
Decimal	1492933
CIELab	73.00, -39.79, -10.57
CIELCh	73, 41.168, 194.872
Yxy	45.1644, 0.2271, 0.3318
Android (android.graphics.Color)	4279683013 (0xFF16C7C5)
YUV	145.8490, 25.2174, -108.6156
Hunter-Lab	67.2044, -35.5147, -5.9354

Details

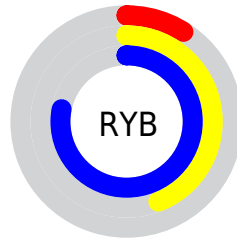
The CIELCh color **73, 41.168, 194.872** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **42, 79.951, 36.488**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.656, 196.193**, and **54, 32.904, 195.347** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.907, 194.676**, and if you desaturate by 10%, it is **73, 39.719, 195.096**.

Distribution



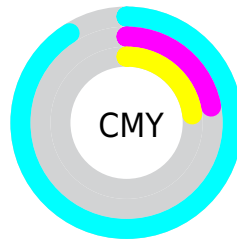
- Red (9%)
- Green (78%)
- Blue (77%)



- Red (9%)
- Yellow (44%)
- Blue (78%)



- Cyan (89%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)





- Cyan (91%)
- Magenta (22%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 41.168, 194.872 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, 41.168, 194.872 by changing the saturation by 10% instead.


 73, 41.168,
194.872


 73, 41.168,
194.872


 100, 41.168,
194.872


 63, 41.168,
194.872


 93, 41.168,
194.872

 53, 41.168,
194.872

 43, 41.168,
194.872

 33, 41.168,
194.872

 23, 41.168,
194.872

 13, 41.168,
194.872

 3, 41.168, 194.872

■ 0, 41.168, 194.872

■ 73, 41.168,
194.872

■ 73, 41.168,
194.872

■ 73, 41.907,
194.676

■ 73, 39.719,
195.096

■ 73, 41.966,
194.658

■ 74, 37.404,
195.362

■ 74, 34.185,
195.676

■ 75, 30.081,
196.041

■ 76, 25.155,
196.457

■ 77, 19.502,
196.925

■ 78, 13.233,
197.443

■ 79, 6.465, 198.030

■ 80, 0.688, 17.721

Harmonies

Complementary

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



73, 41.168, 194.872



42, 79.951, 36.488

Rectangle

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



73, 41.168, 194.872



73, 41.168, 244.872



73, 41.168, 14.872



73, 41.168, 64.872

Sweetspot

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



73, 41.167, 194.871



96, 22.275, 197.008



70, 96.377, 136.366



51, 14.816, 196.837



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, 41.167, 194.871



91, 50.542, 194.633



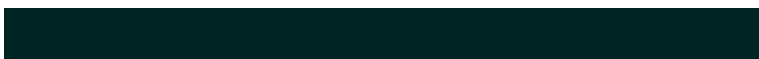
47, 52.044, 277.649



41, 4.038, 198.009



61, 36.185, 194.683



12, 13.066, 195.056

Inverse Universe

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



42, 79.951, 36.488



53, 104.125, 39.687



55, 65.776, 61.728



39, 4.278, 19.008



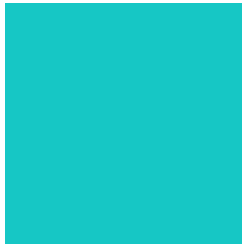
34, 74.187, 39.322



3, 15.888, 18.818

Previews

White Background



This preview shows how the CIELCh color 73, 41.168, 194.872 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, 41.168, 194.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

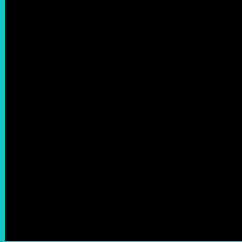
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

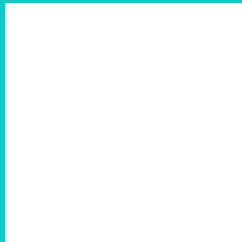
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 41.168, 194.872

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.168, 194.872.

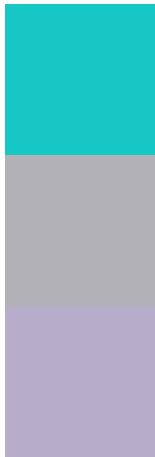


This preview shows how white text looks on a background with the CIELCh color 73, 41.168, 194.872.

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

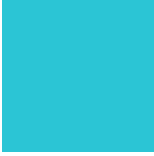
73, 41.118, 194.873

Protanopia

73, 3.893, 301.474

Deuteranopia

72, 16.785, 303.901



Tritanopia
73, 37.692, 210.315

Trichromacy



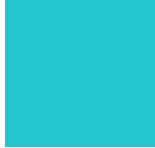
Original Color
73, 41.118, 194.873



Protanomaly
71, 20.862, 203.873



Deuteranomaly
71, 20.963, 226.294



Tritanomaly
73, 38.836, 203.968

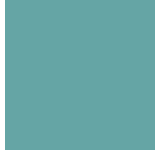
Monochromacy



Original Color
73, 41.118, 194.873



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 21.435, 197.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.168, 194.872 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(22, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(22, 199, 197)  
}
```

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(22, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 199, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.168, 194.872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

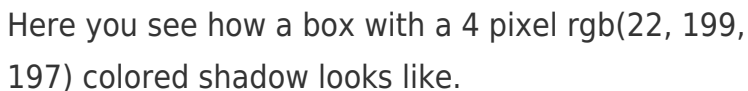
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(22, 199, 197) }
```

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

```
.border{ border-color:rgb(22, 199, 197) }
```

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



Here you see how a box with a 4 pixel rgb(22, 199, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(22, 199,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.168, 194.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 199, 197) }
```

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

```
.background{ background-color: rgb(22, 199,  
197) }
```

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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