

Converting Colors

CIELCh(71, 41.251, 193.869)

Have a look what the booklet for
CIELCh(71, 41.251, 193.869)
contains.

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Color

CIELCh(71, 41.444, 193.260)

Conversions

Conversions Part 1

Format	Color
Hex	00C2BE
RGB	0, 194, 190
RGB Percent	0%, 76%, 75%
CMY	1.0000, 0.2401, 0.2557
CMYK	1.00, 0.00, 0.02, 0.24
HSL	179°, 100%, 38%
HSV	179°, 100%, 76%
XYZ	28.4999, 42.1875, 55.2333
YIQ	135.5380, -114.3400, -42.3720

Conversions

Conversions Part 2

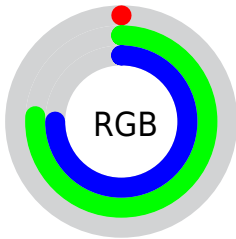
Format	Color
RYB	0, 98, 194
Decimal	49854
CIELab	71.00, -40.34, -9.51
CIELCh	71, 41.444, 193.260
Yxy	42.1875, 0.2263, 0.3350
Android (android.graphics.Color)	4278239934 (0xFF00C2BE)
YUV	135.5380, 26.8498, -118.8668
Hunter-Lab	64.9519, -35.3428, -4.9523

Details

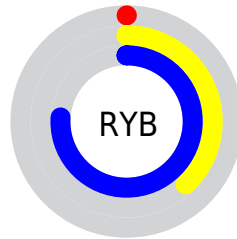
The CIELCh color **71, 41.444, 193.260** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **40, 84.141, 39.205**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 41.430, 193.211**, and **52, 32.594, 193.220** is the 20% darker color. If you saturate the color by 10%, you get **71, 41.410, 193.259**, and if you desaturate by 10%, it is **71, 40.668, 193.570**.

Distribution



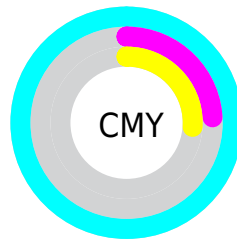
- Red (0%)
- Green (76%)
- Blue (75%)



- Red (0%)
- Yellow (38%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 41.444, 193.260 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 71, 41.444, 193.260 by changing the saturation by 10% instead.


 71, 41.444,
193.260


 71, 41.444,
193.260


 100, 41.444,
193.260


 61, 41.444,
193.260


 91, 41.444,
193.260

 51, 41.444,
193.260

 41, 41.444,
193.260

 31, 41.444,
193.260

 21, 41.444,
193.260

 11, 41.444,
193.260

 1, 41.444, 193.260

0, 41.444, 193.260

71, 41.444,
193.260

71, 41.444,
193.260

71, 41.410,
193.259

71, 40.668,
193.570

71, 39.275,
193.895

72, 37.041,
194.245

72, 33.925,
194.628

73, 29.945,
195.049

74, 25.160,
195.512

■ 75, 19.662,
196.016

■ 76, 13.560,
196.564

■ 77, 6.968, 197.170

Harmonies

Complementary

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



71, 41.444, 193.260



40, 84.141, 39.205

Rectangle

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



71, 41.444, 193.260



71, 41.444, 243.260



71, 41.444, 13.260



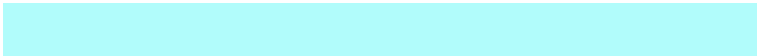
71, 41.444, 63.260

Sweetspot

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



71, 41.410, 193.259



94, 24.328, 195.991



68, 97.252, 135.886



50, 16.453, 195.770



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 41.410, 193.259



90, 50.538, 193.210



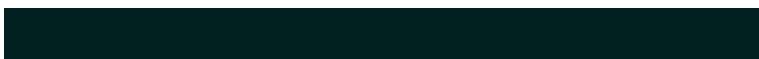
44, 55.084, 280.766



40, 3.957, 197.212



60, 36.029, 193.301



11, 12.583, 194.033

Inverse Universe

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



40, 84.141, 39.205



53, 102.967, 39.426



50, 70.420, 57.794



38, 4.186, 18.249



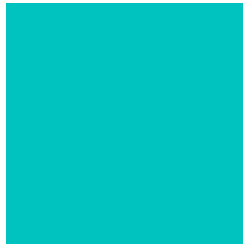
33, 72.912, 38.892



3, 14.006, 18.277

Previews

White Background



This preview shows how the CIELCh color 71, 41.444, 193.260 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 71, 41.444, 193.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

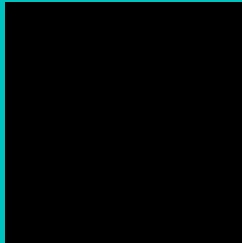
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

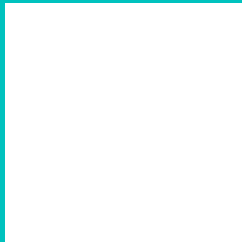
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 41.444, 193.260

Background



This preview shows how black text looks on a background with the CIELCh color 71, 41.444, 193.260.

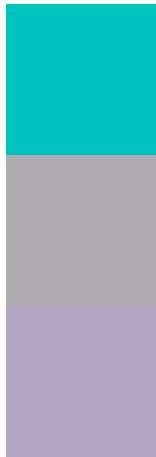


This preview shows how white text looks on a background with the CIELCh color 71, 41.444, 193.260.

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

71, 41.444, 193.260

Protanopia

71, 2.326, 309.119

Deuteranopia

71, 15.367, 306.471



Tritanopia
71, 37.028, 210.637

Trichromacy



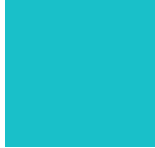
Original Color
71, 41.444, 193.260



Protanomaly
69, 22.683, 199.010



Deuteranomaly
69, 21.631, 222.162



Tritanomaly
71, 38.500, 204.042

Monochromacy



Original Color
71, 41.444, 193.260



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 23.148, 195.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 41.444, 193.260 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(0, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 190)  
}
```

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(0, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 41.444, 193.260 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(0, 194, 190) }
```

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

```
.border{ border-color:rgb(0, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 41.444, 193.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 190) }
```

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

```
.background{ background-color: rgb(0, 194,  
190) }
```

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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