

Converting Colors

CIELCh(70, 48.080, 184.541)

Have a look what the booklet for
CIELCh(70, 48.080, 184.541)
contains.

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Color

CIELCh(71, 44.217, 183.836)

Conversions

Conversions Part 1

Format	Color
Hex	04C3B2
RGB	4, 195, 178
RGB Percent	2%, 76%, 70%
CMY	0.9835, 0.2359, 0.3027
CMYK	0.98, 0.00, 0.09, 0.24
HSL	175°, 96%, 39%
HSV	175°, 98%, 76%
XYZ	27.5453, 42.1875, 48.7066
YIQ	135.9530, -108.3790, -45.7790

Conversions

Conversions Part 2

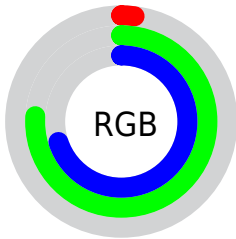
Format	Color
RYB	4, 104, 195
Decimal	312242
CIELab	71.00, -44.12, -2.96
CIELCh	71, 44.217, 183.836
Yxy	42.1875, 0.2326, 0.3562
Android (android.graphics.Color)	4278502322 (0xFF04C3B2)
YUV	135.9530, 20.7292, -115.7228
Hunter-Lab	64.9519, -37.9661, 1.0055

Details

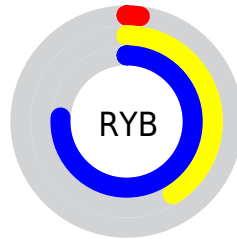
The CIELCh color **71, 44.217, 183.836** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **41, 80.424, 35.788**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 43.955, 184.297**, and **52, 35.425, 181.664** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.443, 183.608**, and if you desaturate by 10%, it is **71, 43.005, 184.880**.

Distribution



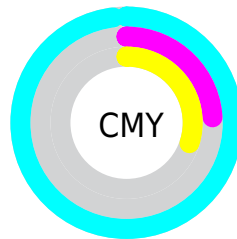
- Red (2%)
- Green (76%)
- Blue (70%)



- Red (2%)
- Yellow (41%)
- Blue (76%)



- Cyan (98%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (98%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 44.217, 183.836 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, 44.217, 183.836 by changing the saturation by 10% instead.

 71, 44.217,
183.836

 71, 44.217,
183.836


 100, 44.217,
183.836


 61, 44.217,
183.836


 91, 44.217,
183.836

 51, 44.217,
183.836

 41, 44.217,
183.836

 31, 44.217,
183.836

 21, 44.217,
183.836

 11, 44.217,
183.836

 1, 44.217, 183.836

■ 0, 44.217, 183.836

■ 71, 44.217,
183.836

■ 71, 44.217,
183.836

■ 71, 44.443,
183.608

■ 71, 43.005,
184.880

■ 71, 41.051,
185.848

■ 72, 38.241,
186.745

■ 72, 34.561,
187.590

■ 73, 30.049,
188.398

■ 74, 24.784,
189.183

■ 75, 18.874,
189.955

■ 76, 12.434,
190.725

■ 78, 5.584, 191.527

Harmonies

Complementary

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



71, 44.217, 183.836



41, 80.424, 35.788

Rectangle

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



71, 44.217, 183.836



71, 44.217, 233.836



71, 44.217, 3.836



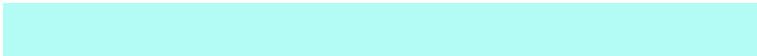
71, 44.217, 53.836

Sweetspot

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



71, 44.217, 183.835



94, 24.139, 189.831



69, 96.665, 135.608



50, 16.457, 189.496



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, 44.217, 183.835



90, 54.089, 183.426



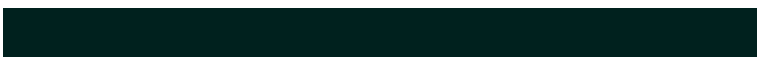
48, 47.373, 271.523



40, 4.008, 191.398



59, 38.468, 183.774



10, 13.150, 186.594

Inverse Universe

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



41, 80.424, 35.788



53, 99.997, 37.170



49, 71.877, 53.352



38, 4.209, 12.706



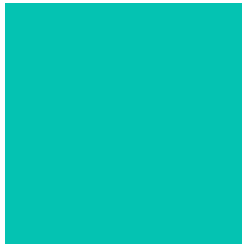
33, 70.244, 35.902



3, 14.066, 14.535

Previews

White Background



This preview shows how the CIELCh color 71, 44.217, 183.836 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, 44.217, 183.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

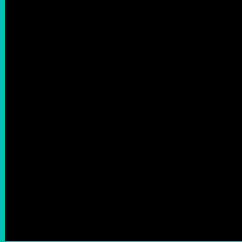
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

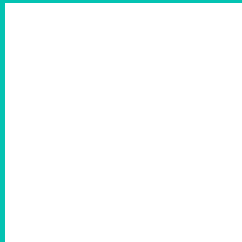
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 44.217, 183.836

Background



This preview shows how black text looks on a background with the CIELCh color 71, 44.217, 183.836.

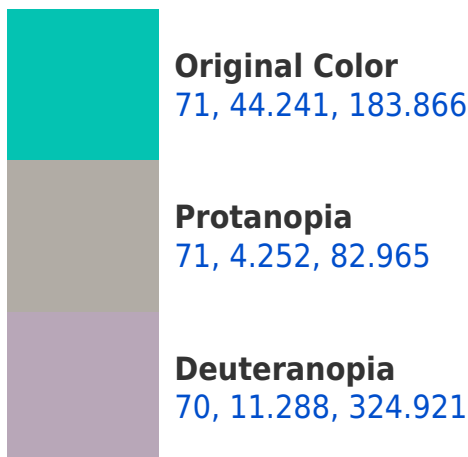


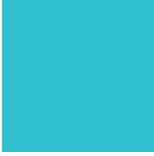
This preview shows how white text looks on a background with the CIELCh color 71, 44.217, 183.836.

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
71, 36.212, 210.092

Trichromacy



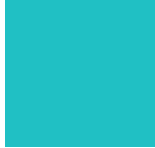
Original Color
71, 44.241, 183.866



Protanomaly
69, 23.366, 183.823



Deuteranomaly
69, 19.474, 206.074



Tritanomaly
71, 38.526, 199.850

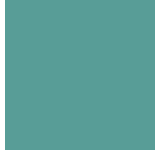
Monochromacy



Original Color
71, 44.241, 183.866



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 23.595, 188.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 44.217, 183.836 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, 195, 178)` looks like.

```
.text, #text, p{  
    color:rgb(4, 195, 178)  
}
```

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, 195, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 195, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 44.217, 183.836 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, 195, 178) }
```

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

```
.border{ border-color:rgb(4, 195, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 195, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 195, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 195, 178);  
box-shadow:4px 4px 4px 4px rgb(4, 195,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 44.217, 183.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 195, 178) }
```

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

```
.background{ background-color: rgb(4, 195,  
178) }
```

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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