

Converting Colors

CIELCh(70, 43.858, 183.536)

Have a look what the booklet for
CIELCh(70, 43.858, 183.536)
contains.

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Color

CIELCh(70, 43.821, 183.704)

Conversions

Conversions Part 1

Format	Color
Hex	02C0AF
RGB	2, 192, 175
RGB Percent	1%, 75%, 69%
CMY	0.9906, 0.2475, 0.3142
CMYK	0.99, 0.00, 0.09, 0.25
HSL	175°, 98%, 38%
HSV	175°, 99%, 75%
XYZ	26.5774, 40.7494, 46.9593
YIQ	133.2520, -107.7830, -45.5670

Conversions

Conversions Part 2

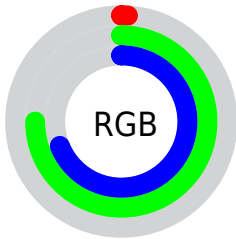
Format	Color
R_{YB}	2, 101, 192
Decimal	180399
CIE _{Lab}	70.00, -43.73, -2.83
CIE _{LCh}	70, 43.821, 183.704
Yxy	40.7494, 0.2326, 0.3566
Android (android.graphics.Color)	4278370479 (0xFF02C0AF)
YUV	133.2520, 20.5818, -115.1080
Hunter-Lab	63.8353, -37.3943, 1.0690

Details

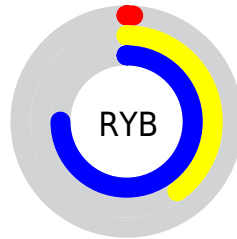
The CIELCh color **70, 43.821, 183.704** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **40, 79.963, 36.050**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 43.937, 183.540**, and **51, 34.674, 182.306** is the 20% darker color. If you saturate the color by 10%, you get **70, 43.952, 183.572**, and if you desaturate by 10%, it is **70, 42.654, 184.753**.

Distribution



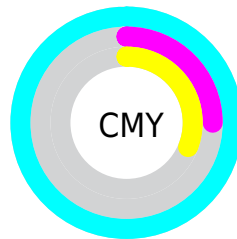
- Red (1%)
- Green (75%)
- Blue (69%)



- Red (1%)
- Yellow (40%)
- Blue (75%)



- Cyan (99%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (99%)
- Magenta (25%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 43.821, 183.704 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 70, 43.821, 183.704 by changing the saturation by 10% instead.


 70, 43.821,
183.704


 70, 43.821,
183.704


 100, 43.821,
183.704


 60, 43.821,
183.704


 90, 43.821,
183.704

 50, 43.821,
183.704

 40, 43.821,
183.704

 30, 43.821,
183.704

 20, 43.821,
183.704

 10, 43.821,
183.704

 0, 43.821, 183.704

■ 70, 43.821,
183.704

■ 70, 43.821,
183.704

■ 70, 43.952,
183.572

■ 70, 42.654,
184.753

■ 70, 40.789,
185.729

■ 71, 38.084,
186.633

■ 71, 34.518,
187.483

■ 72, 30.127,
188.295

■ 73, 24.986,
189.082

■ 74, 19.198,
189.855

■ 75, 12.878,

190.625

■ 76, 6.143, 191.419

Harmonies

Complementary

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



70, 43.821, 183.704



40, 79.963, 36.050

Rectangle

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



70, 43.821, 183.704



70, 43.821, 233.704



70, 43.821, 3.704



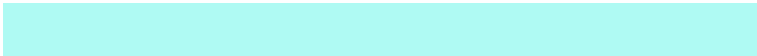
70, 43.821, 53.704

Sweetspot

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



70, 43.821, 183.703



93, 24.690, 189.721



68, 95.793, 135.592



49, 16.599, 189.393



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 43.821, 183.703



89, 53.694, 183.383



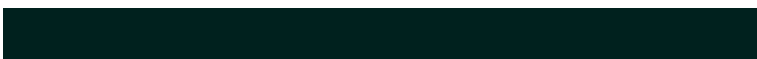
47, 47.163, 271.903



40, 4.009, 191.367



59, 38.484, 183.725



10, 13.154, 186.555

Inverse Universe

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



40, 79.963, 36.050



52, 99.185, 37.133



48, 71.563, 53.228



38, 4.210, 12.676



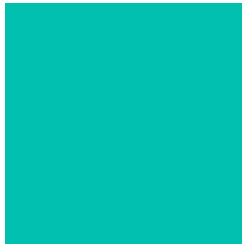
33, 70.229, 35.883



3, 14.067, 14.515

Previews

White Background



This preview shows how the CIELCh color 70, 43.821, 183.704 looks on a white background.

Color Contrast Check

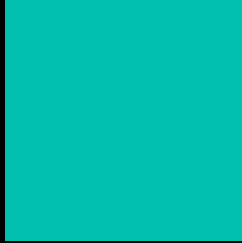
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 43.821, 183.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

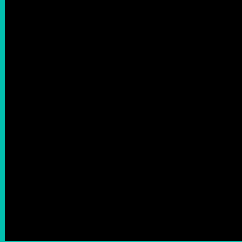
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

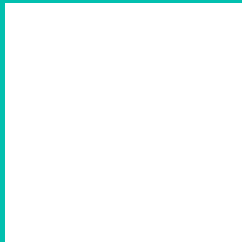
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 43.821, 183.704

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.821, 183.704.



This preview shows how white text looks on a background with the CIELCh color 70, 43.821, 183.704.

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](#).

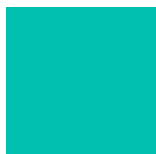
Dichromacy



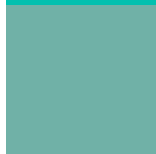


Tritanopia
70, 35.794, 210.293

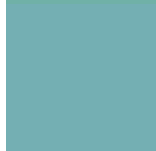
Trichromacy



Original Color
70, 43.853, 183.711



Protanomaly
68, 23.113, 183.624



Deuteranomaly
68, 19.777, 204.294



Tritanomaly
70, 38.094, 199.896

Monochromacy



Original Color
70, 43.853, 183.711



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 23.337, 188.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.821, 183.704 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(2, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(2, 192, 175)  
}
```

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(2, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 192, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.821, 183.704 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(2, 192, 175) }
```

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

```
.border{ border-color:rgb(2, 192, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(2, 192,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.821, 183.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 192, 175) }
```

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

```
.background{ background-color: rgb(2, 192,  
175) }
```

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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