

Converting Colors

CIELCh(71, 47.974, 173.713)

Have a look what the booklet for
CIELCh(71, 47.974, 173.713)
contains.

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Color

CIELCh(71, 48.041, 173.708)

Conversions

Conversions Part 1

Format	Color
Hex	18C4A3
RGB	24, 196, 163
RGB Percent	9%, 77%, 64%
CMY	0.9048, 0.2324, 0.3618
CMYK	0.88, 0.00, 0.17, 0.23
HSL	168°, 78%, 43%
HSV	168°, 88%, 77%
XYZ	26.6478, 42.1875, 41.2658
YIQ	140.8100, -91.9190, -46.7270

Conversions

Conversions Part 2

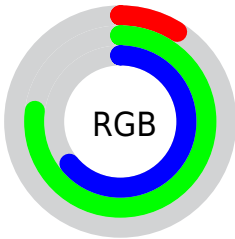
Format	Color
RYB	24, 119, 196
Decimal	1623203
CIELab	71.00, -47.75, 5.27
CIELCh	71, 48.041, 173.708
Yxy	42.1875, 0.2420, 0.3832
Android (android.graphics.Color)	4279813283 (0xFF18C4A3)
YUV	140.8100, 10.9397, -102.4424
Hunter-Lab	64.9519, -40.4328, 7.7977

Details

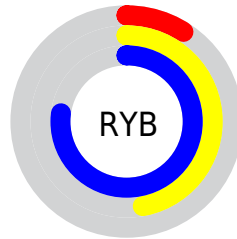
The CIELCh color **71, 48.041, 173.708** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **42, 69.954, 23.913**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 47.847, 174.041**, and **52, 40.423, 170.022** is the 20% darker color. If you saturate the color by 10%, you get **71, 50.061, 171.962**, and if you desaturate by 10%, it is **71, 45.289, 175.297**.

Distribution



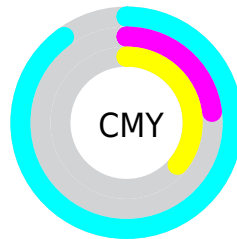
- Red (9%)
- Green (77%)
- Blue (64%)



- Red (9%)
- Yellow (47%)
- Blue (77%)



- Cyan (88%)
- Magenta (0%)
- Yellow (17%)
- Black (23%)




- Cyan (90%)
- Magenta (23%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 48.041, 173.708 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, 48.041, 173.708 by changing the saturation by 10% instead.


 71, 48.041,
173.708

 71, 48.041,
173.708


 100, 48.041,
173.708


 61, 48.041,
173.708


 91, 48.041,
173.708

 51, 48.041,
173.708

 41, 48.041,
173.708

 31, 48.041,
173.708

 21, 48.041,
173.708

 11, 48.041,
173.708

 1, 48.041, 173.708

■ 0, 48.041, 173.708

■ 71, 48.041,
173.708

■ 71, 48.041,
173.708

■ 71, 50.061,
171.962

■ 71, 45.289,
175.297

■ 71, 50.506,
171.544

■ 72, 41.704,
176.731

■ 72, 37.284,
178.028

■ 73, 32.085,
179.212

■ 74, 26.201,
180.305

■ 75, 19.748,
181.327

■ 76, 12.852,
182.297

■ 78, 5.632, 183.256

■ 79, 1.802, 3.756

Harmonies

Complementary

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



71, 48.041, 173.708



42, 69.954, 23.913

Rectangle

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



71, 48.041, 173.708



71, 48.041, 223.708



71, 48.041, 353.708



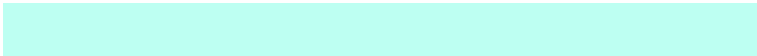
71, 48.041, 43.708

Sweetspot

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



71, 48.041, 173.707



95, 23.123, 181.444



70, 91.866, 134.343



50, 15.545, 181.094



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, 48.041, 173.707



90, 61.872, 171.231



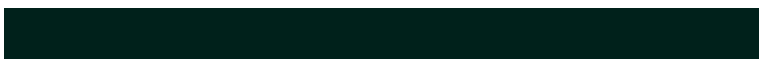
56, 37.448, 250.389



40, 4.158, 183.082



59, 43.474, 171.831



10, 14.255, 176.708

Inverse Universe

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



42, 69.954, 23.913



53, 94.393, 31.170



48, 68.915, 48.397



38, 4.318, 4.630



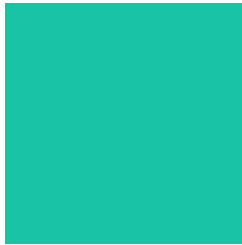
33, 65.746, 29.388



3, 14.268, 9.020

Previews

White Background



This preview shows how the CIELCh color 71, 48.041, 173.708 looks on a white background.

Color Contrast Check

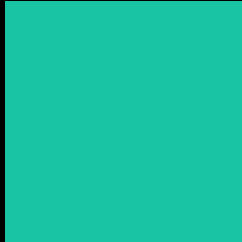
Large Text (above 18pt) WCAG AA × Fail

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, 48.041, 173.708 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

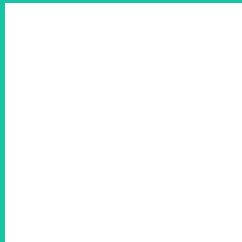
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 48.041, 173.708

Background



This preview shows how black text looks on a background with the CIELCh color 71, 48.041, 173.708.

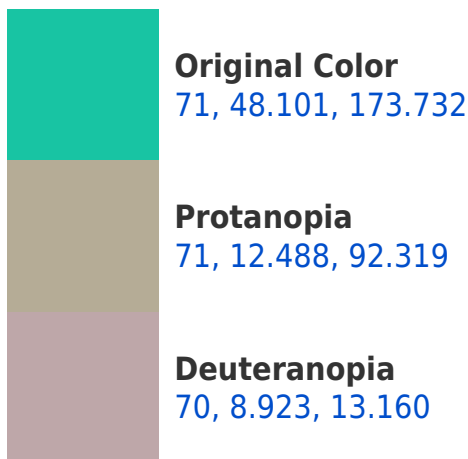


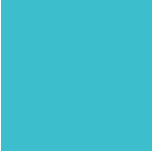
This preview shows how white text looks on a background with the CIELCh color 71, 48.041, 173.708.

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, 34.646, 210.810

Trichromacy



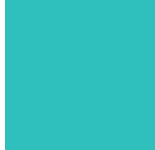
Original Color
71, 48.101, 173.732



Protanomaly
69, 25.316, 163.098



Deuteranomaly
69, 17.761, 179.848



Tritanomaly
71, 37.954, 194.884

Monochromacy



Original Color
71, 48.101, 173.732



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 22.879, 180.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 48.041, 173.708 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(24, 196, 163)` looks like.

```
.text, #text, p{  
    color:rgb(24, 196, 163)  
}
```

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(24, 196, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 196, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 48.041, 173.708 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(24, 196, 163) }
```

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

```
.border{ border-color:rgb(24, 196, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 196, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 196, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 196, 163);  
box-shadow:4px 4px 4px 4px rgb(24, 196,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 48.041, 173.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 196, 163) }
```

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

```
.background{ background-color: rgb(24, 196,  
163) }
```

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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