

Converting Colors

CIELCh(73, 46.048, 182.231)

Have a look what the booklet for
CIELCh(73, 46.048, 182.231)
contains.

CIELCh(73, 46.018, 182.263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 46.018, 182.263)

Conversions

Conversions Part 1

Format	Color
Hex	01C9B5
RGB	1, 201, 181
RGB Percent	0%, 79%, 71%
CMY	0.9979, 0.2114, 0.2898
CMYK	1.00, 0.00, 0.10, 0.21
HSL	174°, 99%, 40%
HSV	174°, 100%, 79%
XYZ	29.2674, 45.1644, 50.9441
YIQ	138.9200, -112.7800, -48.6200

Conversions

Conversions Part 2

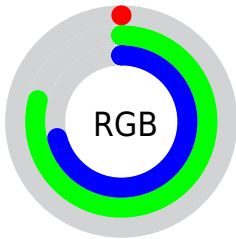
Format	Color
RYB	1, 106, 201
Decimal	117173
CIELab	73.00, -45.98, -1.82
CIELCh	73, 46.018, 182.263
Yxy	45.1644, 0.2334, 0.3602
Android (android.graphics.Color)	4278307253 (0xFF01C9B5)
YUV	138.9200, 20.7454, -120.9558
Hunter-Lab	67.2044, -39.8713, 2.0985

Details

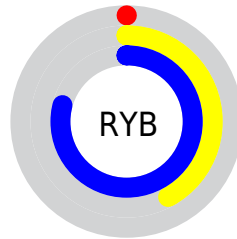
The CIELCh color **73, 46.018, 182.263** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **42, 83.039, 36.025**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **92, 44.364, 184.440**, and **54, 37.217, 179.646** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.048, 182.231**, and if you desaturate by 10%, it is **73, 44.804, 183.412**.

Distribution



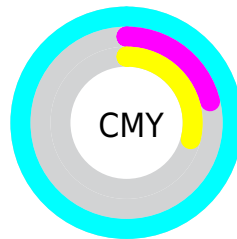
- Red (0%)
- Green (79%)
- Blue (71%)



- Red (0%)
- Yellow (42%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)





- Cyan (100%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 46.018, 182.263 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, 46.018, 182.263 by changing the saturation by 10% instead.


 73, 46.018,
182.263


 73, 46.018,
182.263


 100, 46.018,
182.263


 63, 46.018,
182.263


 93, 46.018,
182.263

 53, 46.018,
182.263

 43, 46.018,
182.263

 33, 46.018,
182.263

 23, 46.018,
182.263

 13, 46.018,
182.263

 3, 46.018, 182.263

■ 0, 46.018, 182.263

■ 73, 46.018,
182.263

■ 73, 46.018,
182.263

■ 73, 46.048,
182.231

■ 73, 44.804,
183.412

■ 73, 42.901,
184.481

■ 74, 40.132,
185.465

■ 74, 36.469,
186.381

■ 75, 31.943,
187.247

■ 76, 26.631,
188.079

■ 77, 20.640,
188.888

■ 78, 14.090,
189.687

■ 80, 7.103, 190.499

Harmonies

Complementary

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



73, 46.018, 182.263



42, 83.039, 36.025

Rectangle

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



73, 46.018, 182.263



73, 46.018, 232.263



73, 46.018, 2.263



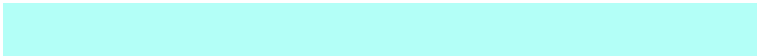
73, 46.018, 52.263

Sweetspot

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



73, 46.018, 182.262



95, 25.201, 188.833



71, 99.503, 135.590



50, 16.948, 188.488



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, 46.018, 182.262



90, 55.154, 182.052



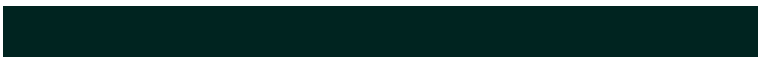
49, 49.385, 272.536



41, 4.106, 190.529



60, 39.368, 182.422



12, 13.909, 185.278

Inverse Universe

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



42, 83.039, 36.025



53, 100.210, 36.722



50, 74.816, 52.953



39, 4.308, 11.876



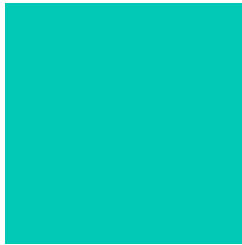
34, 70.670, 35.423



3, 15.969, 14.246

Previews

White Background



This preview shows how the CIELCh color 73, 46.018, 182.263 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, 46.018, 182.263 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

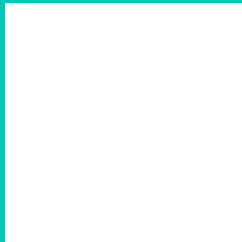
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 46.018, 182.263

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.018, 182.263.

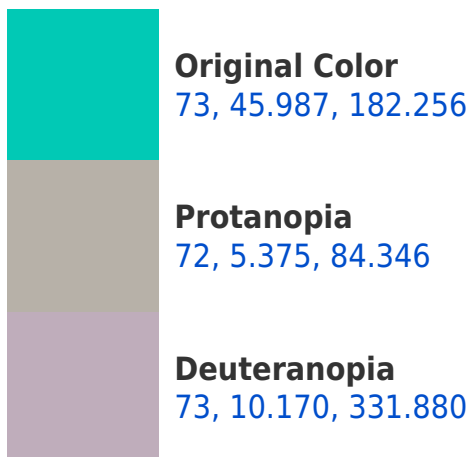


This preview shows how white text looks on a background with the CIELCh color 73, 46.018, 182.263.

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
73, 36.928, 210.648

Trichromacy



Original Color
73, 45.987, 182.256



Protanomaly
71, 24.783, 180.696



Deuteranomaly
71, 20.370, 200.925

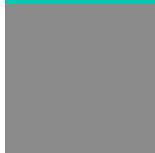


Tritanomaly
73, 39.576, 198.926

Monochromacy



Original Color
73, 45.987, 182.256



Achromatopsia
58, 0.007, 296.813



Achromatomaly
62, 24.992, 186.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.018, 182.263 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(1, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(1, 201, 181)  
}
```

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(1, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 201, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.018, 182.263 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(1, 201, 181) }
```

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

```
.border{ border-color:rgb(1, 201, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 201, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 201, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 201, 181);  
box-shadow:4px 4px 4px 4px rgb(1, 201,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.018, 182.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 201, 181) }
```

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

```
.background{ background-color: rgb(1, 201,  
181) }
```

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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