

Converting Colors

CIELCh(76, 47.703, 182.571)

Have a look what the booklet for
CIELCh(76, 47.703, 182.571)
contains.

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Color

CIELCh(76, 47.339, 182.779)

Conversions

Conversions Part 1

Format	Color
Hex	01D2BE
RGB	1, 210, 190
RGB Percent	0%, 82%, 75%
CMY	0.9970, 0.1759, 0.2544
CMYK	1.00, 0.00, 0.10, 0.18
HSL	174°, 99%, 41%
HSV	174°, 100%, 82%
XYZ	32.3971, 49.8872, 56.7109
YIQ	145.2290, -118.1440, -50.5280

Conversions

Conversions Part 2

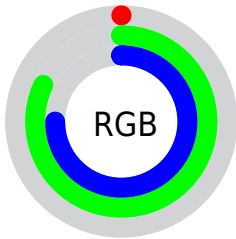
Format	Color
RYB	1, 111, 210
Decimal	119486
CIELab	76.00, -47.28, -2.30
CIElCh	76, 47.339, 182.779
Yxy	49.8872, 0.2331, 0.3589
Android (android.graphics.Color)	4278309566 (0xFF01D2BE)
YUV	145.2290, 22.0721, -126.4888
Hunter-Lab	70.6309, -41.7294, 1.8365

Details

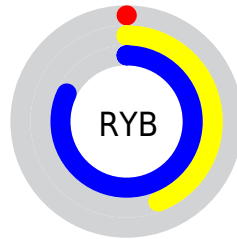
The CIELCh color **76, 47.339, 182.779** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **44, 86.103, 36.324**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 42.318, 190.424**, and **57, 38.156, 181.151** is the 20% darker color. If you saturate the color by 10%, you get **76, 47.379, 182.737**, and if you desaturate by 10%, it is **76, 46.134, 183.898**.

Distribution



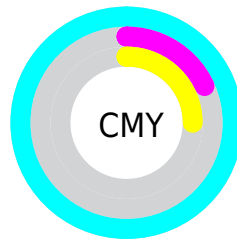
- Red (0%)
- Green (82%)
- Blue (75%)



- Red (0%)
- Yellow (44%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 47.339, 182.779 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 76, 47.339, 182.779 by changing the saturation by 10% instead.


 76, 47.339,
182.779


 76, 47.339,
182.779


 100, 47.339,
182.779


 66, 47.339,
182.779


 96, 47.339,
182.779

 56, 47.339,
182.779

 46, 47.339,
182.779

 36, 47.339,
182.779

 26, 47.339,
182.779

 16, 47.339,
182.779

 6, 47.339, 182.779

■ 0, 47.339, 182.779

■ 76, 47.339,
182.779

■ 76, 47.339,
182.779

■ 76, 47.379,
182.737

■ 76, 46.134,
183.898

■ 76, 44.205,
184.939

■ 77, 41.375,
185.897

■ 77, 37.614,
186.793

■ 78, 32.954,
187.642

■ 79, 27.475,
188.459

■ 80, 21.286,
189.257

■ 81, 14.513,
190.047

■ 83, 7.283, 190.853

Harmonies

Complementary

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



76, 47.339, 182.779



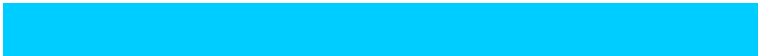
44, 86.103, 36.324

Rectangle

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



76, 47.339, 182.779



76, 47.339, 232.779



76, 47.339, 2.779



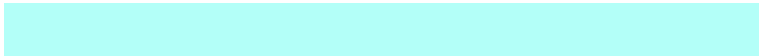
76, 47.339, 52.779

Sweetspot

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



76, 47.339, 182.778



95, 25.156, 189.202



74, 102.832, 135.606



50, 16.916, 188.863



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 47.339, 182.778



90, 54.890, 182.599



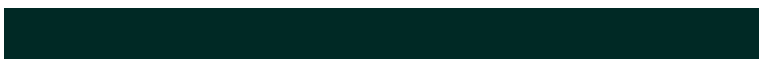
51, 51.113, 272.645



43, 4.274, 190.872



62, 40.096, 182.928



14, 15.030, 185.351

Inverse Universe

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



44, 86.103, 36.324



53, 100.446, 36.915



52, 77.338, 52.862



41, 4.487, 12.216



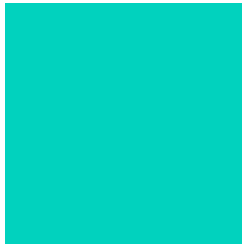
35, 72.570, 35.754



4, 20.052, 15.016

Previews

White Background



This preview shows how the CIELCh color 76, 47.339, 182.779 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 76, 47.339, 182.779 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

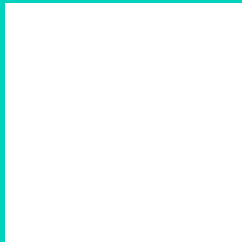
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 47.339, 182.779

Background



This preview shows how black text looks on a background with the CIELCh color 76, 47.339, 182.779.

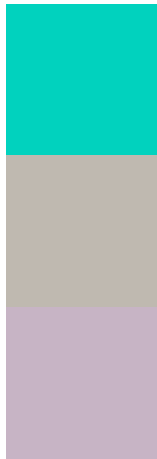


This preview shows how white text looks on a background with the CIELCh color 76, 47.339, 182.779.

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](#).

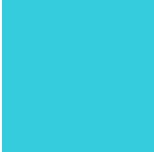
Dichromacy



Original Color
76, 47.311, 182.773

Protanopia
75, 5.330, 84.384

Deuteranopia
75, 11.570, 327.958



Tritanopia
76, 38.088, 210.967

Trichromacy



Original Color
76, 47.311, 182.773



Protanomaly
74, 25.524, 181.327

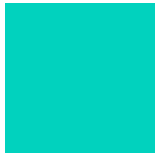


Deuteranomaly
73, 21.114, 203.782

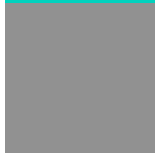


Tritanomaly
76, 41.001, 198.817

Monochromacy



Original Color
76, 47.311, 182.773



Achromatopsia
60, 0.008, 296.813



Achromatomaly
64, 25.749, 187.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 47.339, 182.779 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, 210, 190)` looks like.

```
.text, #text, p{  
    color:rgb(1, 210, 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(1, 210, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 210, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 47.339, 182.779 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, 210, 190) }
```

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

```
.border{ border-color:rgb(1, 210, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 210, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 210, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 210, 190);  
box-shadow:4px 4px 4px 4px rgb(1, 210,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 47.339, 182.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 210, 190) }
```

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

```
.background{ background-color: rgb(1, 210,  
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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