

Converting Colors

CIELCh(73, 45.741, 182.811)

Have a look what the booklet for
CIELCh(73, 45.741, 182.811)
contains.

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Color

CIELCh(73, 45.701, 182.893)

Conversions

Conversions Part 1

Format	Color
Hex	02C9B6
RGB	2, 201, 182
RGB Percent	1%, 79%, 71%
CMY	0.9920, 0.2117, 0.2863
CMYK	0.99, 0.00, 0.09, 0.21
HSL	174°, 98%, 40%
HSV	174°, 99%, 79%
XYZ	29.3558, 45.1644, 51.4274
YIQ	139.3330, -112.5050, -48.0970

Conversions

Conversions Part 2

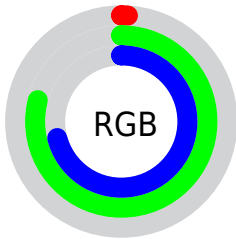
Format	Color
RYB	2, 106, 201
Decimal	182710
CIELab	73.00, -45.64, -2.31
CIELCh	73, 45.701, 182.893
Yxy	45.1644, 0.2331, 0.3586
Android (android.graphics.Color)	4278372790 (0xFF02C9B6)
YUV	139.3330, 21.0348, -120.4410
Hunter-Lab	67.2044, -39.6367, 1.6721

Details

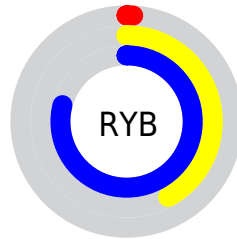
The CIELCh color **73, 45.701, 182.893** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **42, 82.787, 35.976**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **92, 44.156, 185.085**, and **54, 36.926, 180.473** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.812, 182.779**, and if you desaturate by 10%, it is **73, 44.487, 184.002**.

Distribution



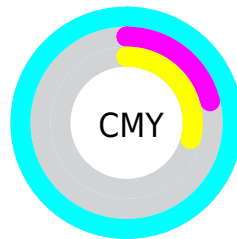
- Red (1%)
- Green (79%)
- Blue (71%)



- Red (1%)
- Yellow (42%)
- Blue (79%)



- Cyan (99%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)





- Cyan (99%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 45.701, 182.893 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, 45.701, 182.893 by changing the saturation by 10% instead.


 73, 45.701,
182.893


 73, 45.701,
182.893


 100, 45.701,
182.893


 63, 45.701,
182.893


 93, 45.701,
182.893

 53, 45.701,
182.893

 43, 45.701,
182.893

 33, 45.701,
182.893

 23, 45.701,
182.893

 13, 45.701,
182.893

 3, 45.701, 182.893

■ 0, 45.701, 182.893

■ 73, 45.701,
182.893

■ 73, 45.701,
182.893

■ 73, 45.812,
182.779

■ 73, 44.487,
184.002

■ 73, 42.553,
185.031

■ 74, 39.747,
185.981

■ 74, 36.046,
186.869

■ 75, 31.485,
187.712

■ 76, 26.143,
188.525

■ 77, 20.128,
189.320

■ 78, 13.559,
190.108

■ 80, 6.560, 190.915

Harmonies

Complementary

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



73, 45.701, 182.893



42, 82.787, 35.976

Rectangle

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



73, 45.701, 182.893



73, 45.701, 232.893



73, 45.701, 2.893



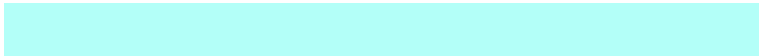
73, 45.701, 52.893

Sweetspot

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



73, 45.701, 182.892



95, 25.155, 189.207



71, 99.275, 135.602



50, 16.916, 188.868



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, 45.701, 182.892



90, 54.886, 182.606



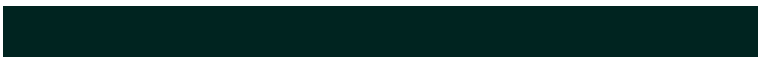
50, 49.051, 272.182



41, 4.101, 190.882



60, 39.184, 182.964



12, 13.861, 185.720

Inverse Universe

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



42, 82.787, 35.976



53, 100.449, 36.918



50, 74.334, 53.079



39, 4.305, 12.215



34, 70.852, 35.645



3, 15.963, 14.464

Previews

White Background



This preview shows how the CIELCh color 73, 45.701, 182.893 looks on a white background.

Color Contrast Check

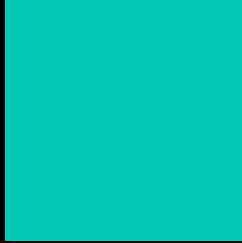
Large Text (above 18pt) WCAG AA × Fail

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, 45.701, 182.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

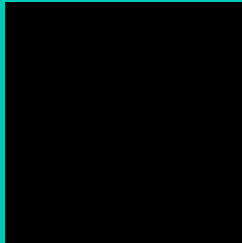
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

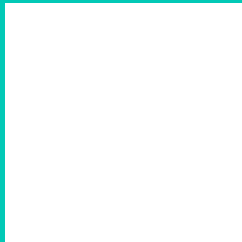
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 45.701, 182.893

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.701, 182.893.

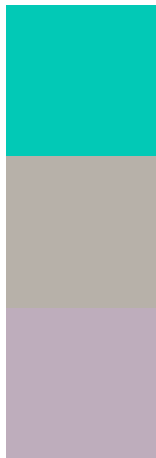


This preview shows how white text looks on a background with the CIELCh color 73, 45.701, 182.893.

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
73, 45.701, 182.893

Protanopia
72, 4.888, 81.725

Deuteranopia
73, 10.348, 328.305

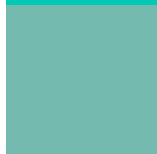


Tritanopia
73, 37.031, 210.602

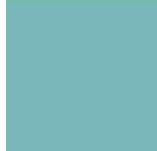
Trichromacy



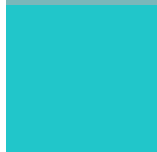
Original Color
73, 45.701, 182.893



Protanomaly
71, 24.562, 181.889



Deuteranomaly
71, 20.331, 202.500

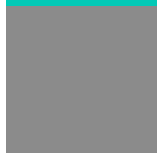


Tritanomaly
73, 39.459, 199.750

Monochromacy



Original Color
73, 45.701, 182.893



Achromatopsia
58, 0.007, 296.813



Achromatomaly
62, 24.806, 188.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 45.701, 182.893 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, 201, 182)` looks like.

```
.text, #text, p{  
    color:rgb(2, 201, 182)  
}
```

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, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 201, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.701, 182.893 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, 201, 182) }
```

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

```
.border{ border-color:rgb(2, 201, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 201, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 201, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 201, 182);  
box-shadow:4px 4px 4px 4px rgb(2, 201,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.701, 182.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 201, 182) }
```

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

```
.background{ background-color: rgb(2, 201,  
182) }
```

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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