

Converting Colors

CIELCh(73, 67.570, 186.300)

Have a look what the booklet for
CIELCh(73, 67.570, 186.300)
contains.

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Color

CIELCh(76, 46.694, 183.979)

Conversions

Conversions Part 1

Format	Color
Hex	05D2C0
RGB	5, 210, 192
RGB Percent	2%, 82%, 75%
CMY	0.9798, 0.1768, 0.2475
CMYK	0.98, 0.00, 0.09, 0.18
HSL	175°, 95%, 42%
HSV	175°, 98%, 82%
XYZ	32.5928, 49.8872, 57.7159
YIQ	146.6530, -116.4020, -49.0580

Conversions

Conversions Part 2

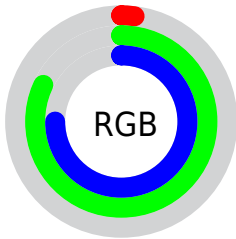
Format	Color
RYB	5, 112, 210
Decimal	381632
CIELab	76.00, -46.58, -3.24
CIELCh	76, 46.694, 183.979
Yxy	49.8872, 0.2325, 0.3558
Android (android.graphics.Color)	4278571712 (0xFF05D2C0)
YUV	146.6530, 22.3561, -124.2297
Hunter-Lab	70.6309, -41.2348, 0.9929

Details

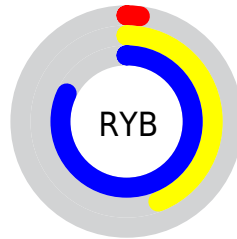
The CIELCh color **76, 46.694, 183.979** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **44, 85.177, 35.946**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 41.823, 191.821**, and **57, 37.608, 182.779** is the 20% darker color. If you saturate the color by 10%, you get **76, 46.950, 183.719**, and if you desaturate by 10%, it is **76, 45.439, 185.021**.

Distribution



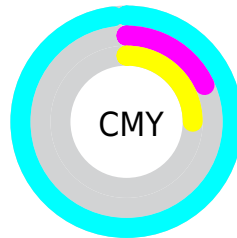
- Red (2%)
- Green (82%)
- Blue (75%)



- Red (2%)
- Yellow (44%)
- Blue (82%)



- Cyan (98%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)





- Cyan (98%)
- Magenta (18%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 46.694, 183.979 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, 46.694, 183.979 by changing the saturation by 10% instead.


 76, 46.694,
183.979


 76, 46.694,
183.979


 100, 46.694,
183.979


 66, 46.694,
183.979


 96, 46.694,
183.979

 56, 46.694,
183.979

 46, 46.694,
183.979

 36, 46.694,
183.979

 26, 46.694,
183.979

 16, 46.694,
183.979

 6, 46.694, 183.979

■ 0, 46.694, 183.979

■ 76, 46.694,
183.979

■ 76, 46.694,
183.979

■ 76, 46.950,
183.719

■ 76, 45.439,
185.021

■ 76, 43.381,
185.983

■ 77, 40.409,
186.877

■ 77, 36.507,
187.718

■ 78, 31.717,
188.524

■ 79, 26.123,
189.308

■ 80, 19.840,
190.079

■ 82, 12.994,
190.850

■ 83, 5.710, 191.655

Harmonies

Complementary

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



76, 46.694, 183.979



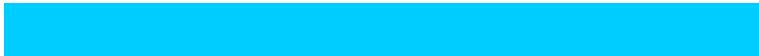
44, 85.177, 35.946

Rectangle

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



76, 46.694, 183.979



76, 46.694, 233.979



76, 46.694, 3.979



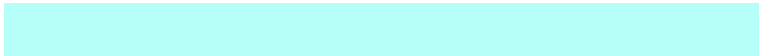
76, 46.694, 53.979

Sweetspot

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



76, 46.694, 183.978



95, 24.323, 189.942



74, 102.214, 135.625



50, 16.448, 189.610



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, 46.694, 183.978



90, 54.428, 183.589



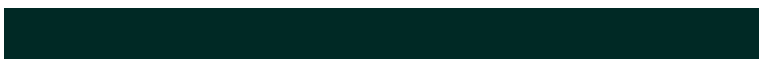
52, 50.162, 271.630



43, 4.265, 191.497



62, 39.770, 183.897



14, 14.937, 186.162

Inverse Universe

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



44, 85.177, 35.946



53, 100.856, 37.246



52, 76.015, 53.260



41, 4.482, 12.816



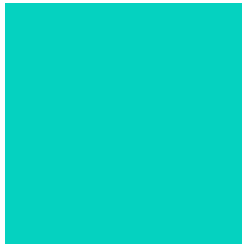
35, 72.891, 36.131



4, 20.046, 15.364

Previews

White Background



This preview shows how the CIELCh color 76, 46.694, 183.979 looks on a white background.

Color Contrast Check

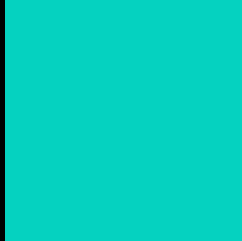
Large Text (above 18pt) WCAG AA × Fail

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, 46.694, 183.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

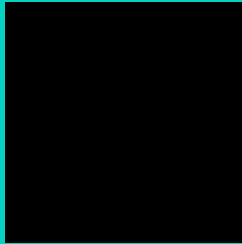
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

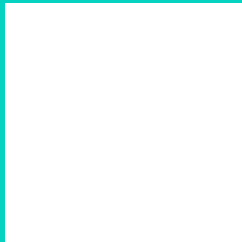
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 46.694, 183.979

Background



This preview shows how black text looks on a background with the CIELCh color 76, 46.694, 183.979.

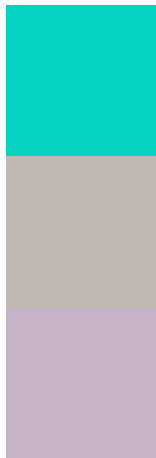


This preview shows how white text looks on a background with the CIELCh color 76, 46.694, 183.979.

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

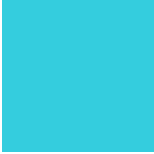
76, 46.702, 184.003

Protanopia

75, 4.376, 78.552

Deuteranopia

75, 11.789, 324.915

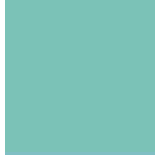


Tritanopia
76, 38.189, 210.923

Trichromacy



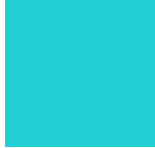
Original Color
76, 46.702, 184.003



Protanomaly
74, 24.827, 183.522



Deuteranomaly
73, 20.820, 205.414



Tritanomaly
76, 40.812, 199.615

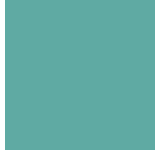
Monochromacy



Original Color
76, 46.702, 184.003



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 25.309, 188.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 46.694, 183.979 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(5, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(5, 210, 192)  
}
```

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(5, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 210, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 46.694, 183.979 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(5, 210, 192) }
```

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

```
.border{ border-color:rgb(5, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(5, 210,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 46.694, 183.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 210, 192) }
```

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

```
.background{ background-color: rgb(5, 210,  
192) }
```

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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