

Converting Colors

CIELCh(75, 52.267, 185.868)

Have a look what the booklet for
CIELCh(75, 52.267, 185.868)
contains.

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Color

CIELCh(76, 46.215, 185.260)

Conversions

Conversions Part 1

Format	Color
Hex	04D2C2
RGB	4, 210, 194
RGB Percent	2%, 82%, 76%
CMY	0.9832, 0.1774, 0.2402
CMYK	0.98, 0.00, 0.08, 0.18
HSL	175°, 96%, 42%
HSV	175°, 98%, 82%
XYZ	32.7498, 49.8872, 58.7886
YIQ	146.5820, -117.6400, -48.6480

Conversions

Conversions Part 2

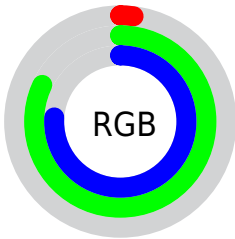
Format	Color
R _Y B	4, 111, 210
Decimal	316098
CIE Lab	76.00, -46.02, -4.24
CIE LCh	76, 46.215, 185.260
Yxy	49.8872, 0.2316, 0.3527
Android (android.graphics.Color)	4278506178 (0xFF04D2C2)
YUV	146.5820, 23.3771, -125.0444
Hunter-Lab	70.6309, -40.8380, 0.0925

Details

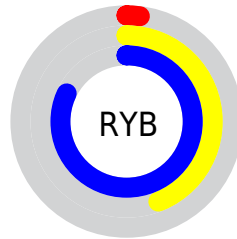
The CIELCh color **76, 46.215, 185.260** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **44, 85.870, 36.584**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 41.528, 193.255**, and **57, 37.499, 183.680** is the 20% darker color. If you saturate the color by 10%, you get **76, 46.414, 185.063**, and if you desaturate by 10%, it is **76, 45.052, 186.208**.

Distribution



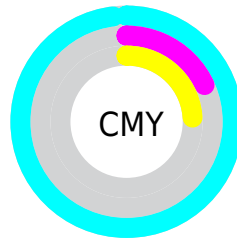
- Red (2%)
- Green (82%)
- Blue (76%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)





- Cyan (98%)
- Magenta (18%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 46.215, 185.260 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, 46.215, 185.260 by changing the saturation by 10% instead.

 76, 46.215,
185.260


 76, 46.215,
185.260


 100, 46.215,
185.260

 66, 46.215,
185.260


 96, 46.215,
185.260

 56, 46.215,
185.260

 46, 46.215,
185.260

 36, 46.215,
185.260

 26, 46.215,
185.260

 16, 46.215,
185.260

 6, 46.215, 185.260

■ 0, 46.215, 185.260

■ 76, 46.215,
185.260

■ 76, 46.215,
185.260

■ 76, 46.414,
185.063

■ 76, 45.052,
186.208

■ 76, 43.098,
187.091

■ 77, 40.233,
187.915

■ 77, 36.433,
188.699

■ 78, 31.738,
189.456

■ 79, 26.230,
190.199

■ 80, 20.020,
190.937

■ 81, 13.233,
191.680

■ 83, 5.996, 192.459

Harmonies

Complementary

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



76, 46.215, 185.260



44, 85.870, 36.584

Rectangle

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



76, 46.215, 185.260



76, 46.215, 235.260



76, 46.215, 5.260



76, 46.215, 55.260

Sweetspot

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



76, 46.215, 185.259



95, 24.229, 190.836



74, 102.411, 135.729



50, 16.379, 190.517



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, 46.215, 185.259



91, 53.829, 184.945



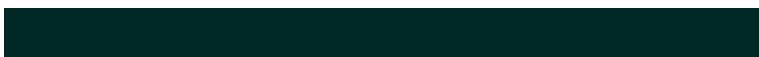
51, 52.017, 274.074



43, 4.255, 192.339



62, 39.346, 185.223



14, 14.815, 187.266

Inverse Universe

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



44, 85.870, 36.584



53, 101.382, 37.661



53, 75.552, 54.331



41, 4.476, 13.624



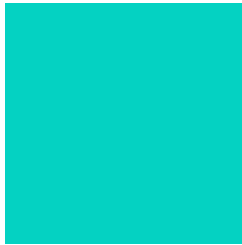
35, 73.311, 36.611



4, 20.038, 15.832

Previews

White Background



This preview shows how the CIELCh color 76, 46.215, 185.260 looks on a white background.

Color Contrast Check

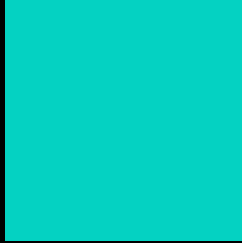
Large Text (above 18pt) WCAG AA × Fail

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, 46.215, 185.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

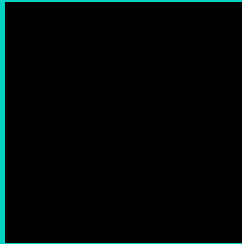
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

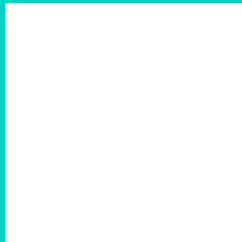
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 46.215, 185.260

Background



This preview shows how black text looks on a background with the CIELCh color 76, 46.215, 185.260.

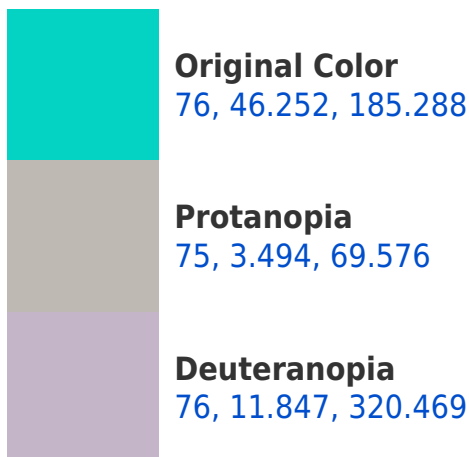


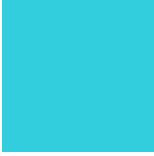
This preview shows how white text looks on a background with the CIELCh color 76, 46.215, 185.260.

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](#).

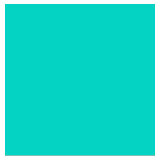
Dichromacy





Tritanopia
76, 38.568, 209.906

Trichromacy



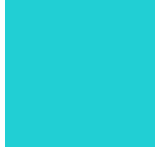
Original Color
76, 46.252, 185.288



Protanomaly
74, 24.444, 185.948



Deuteranomaly
73, 21.113, 208.319



Tritanomaly
76, 40.840, 200.387

Monochromacy



Original Color
76, 46.252, 185.288



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 25.139, 189.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 46.215, 185.260 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(4, 210, 194)` looks like.

```
.text, #text, p{  
    color:rgb(4, 210, 194)  
}
```

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(4, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 210, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 46.215, 185.260 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(4, 210, 194) }
```

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

```
.border{ border-color:rgb(4, 210, 194) }
```

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

Here you see how a box with a 4 pixel rgb(4, 210, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(4, 210,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 46.215, 185.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 210, 194) }
```

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

```
.background{ background-color: rgb(4, 210,  
194) }
```

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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