

Converting Colors

CIELCh(73, 63.144, 203.490)

Have a look what the booklet for
CIELCh(73, 63.144, 203.490)
contains.

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Color

CIELCh(76, 41.293, 209.647)

Conversions

Conversions Part 1

Format	Color
Hex	00CFE0
RGB	0, 207, 224
RGB Percent	0%, 81%, 88%
CMY	1.0000, 0.1890, 0.1224
CMYK	1.00, 0.08, 0.00, 0.12
HSL	185°, 100%, 44%
HSV	185°, 100%, 88%
XYZ	35.6729, 49.8872, 78.1209
YIQ	147.0450, -128.8290, -38.5970

Conversions

Conversions Part 2

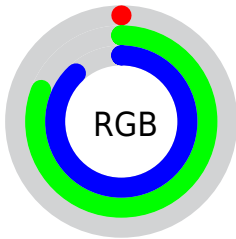
Format	Color
RYB	0, 108, 224
Decimal	53216
CIELab	76.00, -35.89, -20.43
CIELCh	76, 41.293, 209.647
Yxy	49.8872, 0.2179, 0.3048
Android (android.graphics.Color)	4278243296 (0xFF00CFE0)
YUV	147.0450, 37.9388, -128.9585
Hunter-Lab	70.6309, -33.4508, -16.1358

Details

The CIELCh color **76, 41.293, 209.647** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **47, 93.713, 40.684**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.363, 196.951**, and **57, 32.799, 214.179** is the 20% darker color. If you saturate the color by 10%, you get **76, 41.262, 209.658**, and if you desaturate by 10%, it is **77, 40.911, 208.435**.

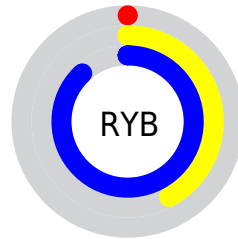
Distribution



Red (0%)

Green (81%)

Blue (88%)



Red (0%)

Yellow (42%)

Blue (88%)

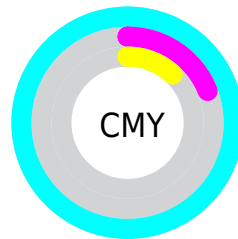


Cyan (100%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (100%)


Magenta (19%)


Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 41.293, 209.647 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, 41.293, 209.647 by changing the saturation by 10% instead.

 76, 41.293,
209.647


 76, 41.293,
209.647


 100, 41.293,
209.647


 66, 41.293,
209.647


 96, 41.293,
209.647

 56, 41.293,
209.647

 46, 41.293,
209.647

 36, 41.293,
209.647

 26, 41.293,
209.647

 16, 41.293,
209.647

 6, 41.293, 209.647

■ 0, 41.293, 209.647

■ 76, 41.293,
209.647

■ 76, 41.293,
209.647

■ 76, 41.262,
209.658

■ 77, 40.911,
208.435

■ 77, 39.822,
207.444

■ 78, 37.799,
206.702

■ 79, 34.800,
206.183

■ 80, 30.844,
205.862

■ 82, 26.002,
205.709

■ 83, 20.377,
205.699

■ 85, 14.088,
205.812

■ 87, 7.257, 206.047

Harmonies

Complementary

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



76, 41.293, 209.647



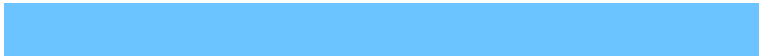
47, 93.713, 40.684

Rectangle

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



76, 41.293, 209.647



76, 41.293, 259.647



76, 41.293, 29.647



76, 41.293, 79.647

Sweetspot

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



76, 41.262, 209.658



94, 22.634, 205.698



78, 107.361, 136.460



49, 15.170, 205.687



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, 41.262, 209.658



86, 45.515, 209.765



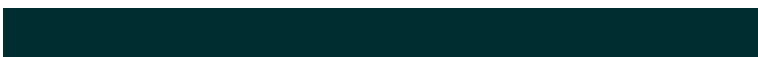
44, 75.478, 290.489



46, 4.136, 206.065



61, 34.517, 209.426



16, 14.362, 207.113

Inverse Universe

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



52, 98.581, 331.550



59, 108.754, 331.576



62, 75.640, 65.867



44, 7.742, 327.070



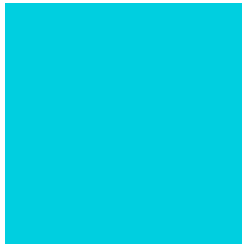
41, 82.446, 331.493



7, 34.141, 330.913

Previews

White Background



This preview shows how the CIE LCh color 76, 41.293, 209.647 looks on a white background.

Color Contrast Check

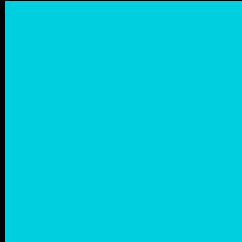
Large Text (above 18pt) WCAG AA × Fail

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, 41.293, 209.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

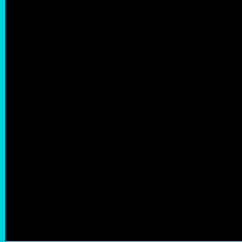
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 41.293, 209.647

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.293, 209.647.

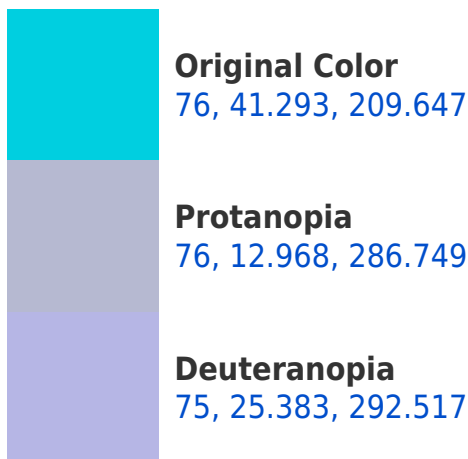


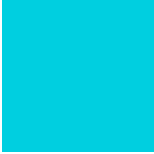
This preview shows how white text looks on a background with the CIELCh color 76, 41.293, 209.647.

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



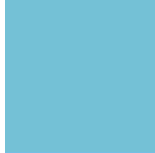


Tritanopia
76, 41.293, 209.647

Trichromacy



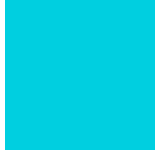
Original Color
76, 41.293, 209.647



Protanomaly
74, 25.610, 224.457

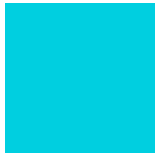


Deuteranomaly
74, 28.644, 241.489

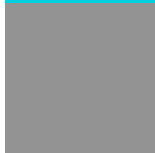


Tritanomaly
76, 41.293, 209.647

Monochromacy



Original Color
76, 41.293, 209.647



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 23.997, 205.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 41.293, 209.647 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(0, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 224)  
}
```

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(0, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.293, 209.647 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(0, 207, 224) }
```

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

```
.border{ border-color:rgb(0, 207, 224) }
```

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

Here you see how a box with a 4 pixel rgb(0, 207, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.293, 209.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 224) }
```

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

```
.background{ background-color: rgb(0, 207,  
224) }
```

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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