

Converting Colors

CIELCh(76, 43.504, 234.484)

Have a look what the booklet for
CIELCh(76, 43.504, 234.484)
contains.

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Color

CIELCh(76, 43.506, 235.168)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 02CBFC |
| RGB | 2, 203, 252 |
| RGB Percent | 1%, 80%, 99% |
| CMY | 0.9930, 0.2029, 0.0107 |
| CMYK | 0.99, 0.19, 0.00, 0.01 |
| HSL | 192°, 99%, 50% |
| HSV | 192°, 99%, 99% |
| XYZ | 39.0494, 49.8872, 99.8852 |
| YIQ | 148.4870, -135.5250, -27.3730 |

Conversions

Conversions Part 2

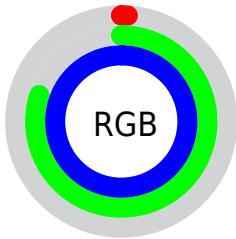
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 2, 113, 252 |
| Decimal | 183292 |
| CIE Lab | 76.00, -24.85, -35.71 |
| CIE LCh | 76, 43.506, 235.168 |
| Yxy | 49.8872, 0.2068, 0.2642 |
| Android (android.graphics.Color) | 4278373372 (0xFF02CBFC) |
| YUV | 148.4870, 51.0319, -128.4691 |
| Hunter-Lab | 70.6309, -24.9176, -34.4055 |

Details

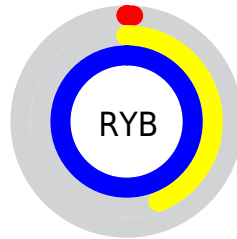
The CIELCh color **76, 43.506, 235.168** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **55, 98.728, 42.909**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.632, 196.994**, and **57, 36.880, 243.479** is the 20% darker color. If you saturate the color by 10%, you get **76, 43.566, 235.440**, and if you desaturate by 10%, it is **78, 42.568, 231.417**.

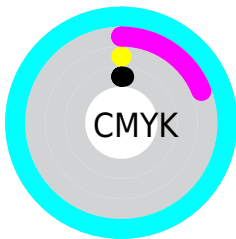
Distribution



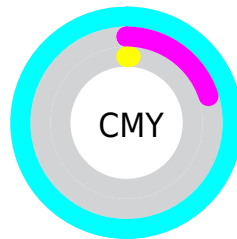
- Red (1%)
- Green (80%)
- Blue (99%)



- Red (1%)
- Yellow (44%)
- Blue (99%)



- Cyan (99%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)





- Cyan (99%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 43.506, 235.168 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, 43.506, 235.168 by changing the saturation by 10% instead.


 76, 43.506,
235.168


 76, 43.506,
235.168


 100, 43.506,
235.168


 66, 43.506,
235.168


 96, 43.506,
235.168

 56, 43.506,
235.168

 46, 43.506,
235.168

 36, 43.506,
235.168

 26, 43.506,
235.168

 16, 43.506,
235.168

 6, 43.506, 235.168

■ 0, 43.506, 235.168

■ 76, 43.506,
235.168

■ 76, 43.506,
235.168

■ 76, 43.566,
235.440

■ 78, 42.568,
231.417

■ 79, 41.005,
228.269

■ 81, 38.600,
225.741

■ 83, 35.281,
223.760

■ 86, 31.057,
222.240

■ 88, 25.992,
221.100

■ 91, 20.188,
220.265

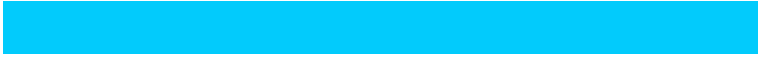
■ 93, 13.758,
219.680

■ 96, 6.817, 219.316

Harmonies

Complementary

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



76, 43.506, 235.168



55, 98.728, 42.909

Rectangle

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



76, 43.506, 235.168



76, 43.506, 285.168



76, 43.506, 55.168



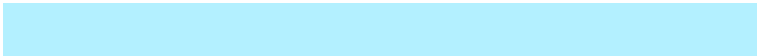
76, 43.506, 105.168

Sweetspot

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



76, 43.505, 235.168



91, 20.798, 220.317



87, 113.119, 138.015



47, 13.956, 220.643



0, 0.000, 0.000



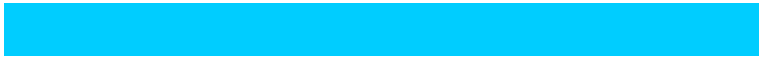
53, 0.007, 296.813

Same Dimension

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



76, 43.505, 235.168



77, 43.926, 235.465



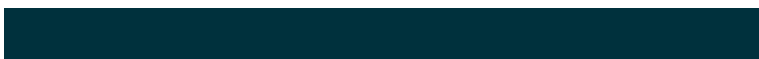
43, 100.818, 297.955



51, 4.135, 219.321



58, 34.970, 234.681



18, 15.715, 229.282

Inverse Universe

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



57, 98.176, 338.043



58, 98.996, 338.128



76, 81.759, 76.815



49, 7.777, 330.942



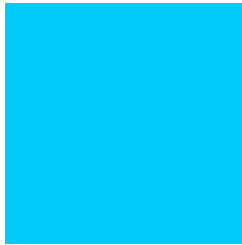
43, 79.153, 337.910



11, 36.484, 336.457

Previews

White Background



This preview shows how the CIE LCh color 76, 43.506, 235.168 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, 43.506, 235.168 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, 43.506, 235.168

Background



This preview shows how black text looks on a background with the CIELCh color 76, 43.506, 235.168.

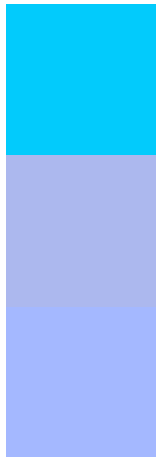


This preview shows how white text looks on a background with the CIELCh color 76, 43.506, 235.168.

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

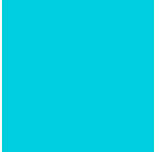
76, 43.469, 235.207

Protanopia

76, 29.261, 285.303

Deuteranopia

76, 38.514, 284.634



Tritanopia
76, 41.328, 208.845

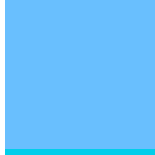
Trichromacy



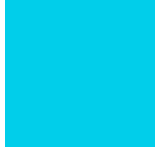
Original Color
76, 43.469, 235.207



Protanomaly
74, 34.893, 252.733



Deuteranomaly
74, 39.708, 258.341



Tritanomaly
76, 41.229, 218.607

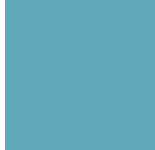
Monochromacy



Original Color
76, 43.469, 235.207



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 24.431, 222.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 43.506, 235.168 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, 203, 252)` looks like.

```
.text, #text, p{  
    color:rgb(2, 203, 252)  
}
```

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, 203, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 203, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 43.506, 235.168 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, 203, 252) }
```

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

```
.border{ border-color:rgb(2, 203, 252) }
```

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

Here you see how a box with a 4 pixel rgb(2, 203, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 203, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 203, 252);  
box-shadow:4px 4px 4px 4px rgb(2, 203,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 43.506, 235.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 203, 252) }
```

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

```
.background{ background-color: rgb(2, 203,  
252) }
```

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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