

Converting Colors

CIELCh(71, 38.844, 219.647)

Have a look what the booklet for
CIELCh(71, 38.844, 219.647)
contains.

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Color

CIELCh(71, 38.884, 219.478)

Conversions

Conversions Part 1

Format	Color
Hex	04BFDA
RGB	4, 191, 218
RGB Percent	2%, 75%, 85%
CMY	0.9838, 0.2523, 0.1464
CMYK	0.98, 0.12, 0.00, 0.15
HSL	188°, 96%, 43%
HSV	188°, 98%, 85%
XYZ	31.2202, 42.1875, 72.5957
YIQ	138.1650, -120.1190, -31.2470

Conversions

Conversions Part 2

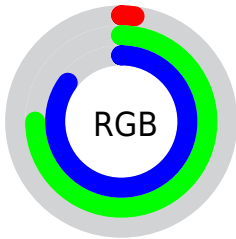
Format	Color
R_{YB}	4, 104, 218
Decimal	311258
CIE Lab	71.00, -30.01, -24.72
CIE LCh	71, 38.884, 219.478
Yxy	42.1875, 0.2138, 0.2889
Android (android.graphics.Color)	4278501338 (0xFF04BFDA)
YUV	138.1650, 39.3587, -117.6627
Hunter-Lab	64.9519, -27.8670, -20.8012

Details

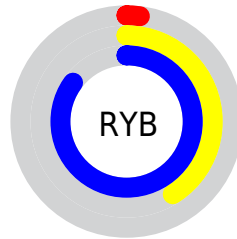
The CIELCh color **71, 38.884, 219.478** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **47, 89.442, 41.208**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 38.865, 202.465**, and **52, 31.156, 226.397** is the 20% darker color. If you saturate the color by 10%, you get **71, 38.944, 219.916**, and if you desaturate by 10%, it is **72, 38.401, 217.271**.

Distribution



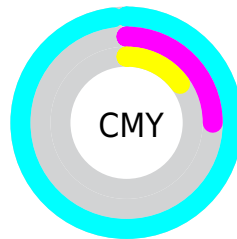
- Red (2%)
- Green (75%)
- Blue (85%)



- Red (2%)
- Yellow (41%)
- Blue (85%)



- Cyan (98%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)





- Cyan (98%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.884, 219.478 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 71, 38.884, 219.478 by changing the saturation by 10% instead.


 71, 38.884,
219.478

 71, 38.884,
219.478


 100, 38.884,
219.478


 61, 38.884,
219.478


 91, 38.884,
219.478

 51, 38.884,
219.478

 41, 38.884,
219.478

 31, 38.884,
219.478

 21, 38.884,
219.478

 11, 38.884,
219.478

 1, 38.884, 219.478

0, 38.884, 219.478

71, 38.884,
219.478

71, 38.884,
219.478

71, 38.944,
219.916

72, 38.401,
217.271

73, 37.175,
215.480

74, 35.067,
214.090

76, 32.048,
213.046

77, 28.147,
212.296

79, 23.440,
211.791

■ 81, 18.029,
211.486

■ 83, 12.024,
211.348

■ 85, 5.538, 211.377

Harmonies

Complementary

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



71, 38.884, 219.478



47, 89.442, 41.208

Rectangle

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



71, 38.884, 219.478



71, 38.884, 269.478



71, 38.884, 39.478



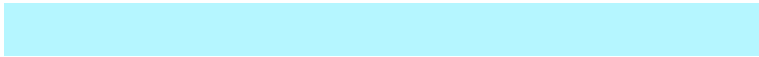
71, 38.884, 89.478

Sweetspot

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



71, 38.883, 219.477



93, 21.059, 211.512



76, 103.123, 137.159



49, 14.200, 211.630



0, 0.000, 0.000



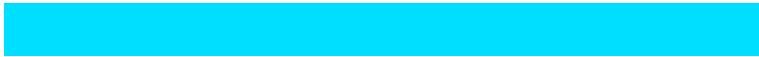
53, 0.007, 296.813

Same Dimension

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



71, 38.883, 219.477



82, 43.867, 220.157



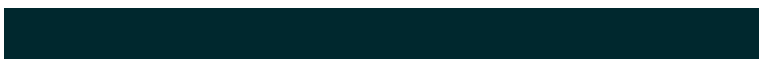
41, 79.119, 293.303



45, 3.890, 211.360



57, 32.898, 219.507



14, 13.384, 215.035

Inverse Universe

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



50, 92.600, 333.954



59, 104.467, 334.132



64, 72.733, 71.056



43, 7.335, 328.617



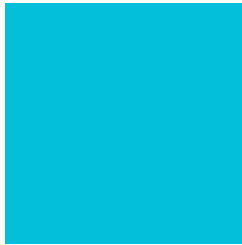
40, 78.424, 333.970



7, 31.624, 332.798

Previews

White Background



This preview shows how the CIE LCh color 71, 38.884, 219.478 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 71, 38.884, 219.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

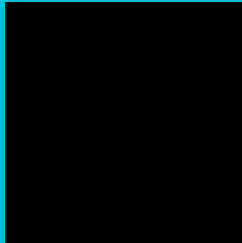
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 38.884, 219.478

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.884, 219.478.



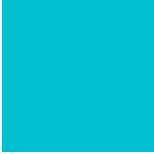
This preview shows how white text looks on a background with the CIELCh color 71, 38.884, 219.478.

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
71, 39.065, 208.919

Trichromacy



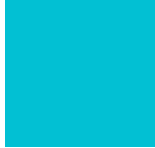
Original Color
71, 38.934, 219.444



Protanomaly
69, 26.538, 238.370



Deuteranomaly
69, 30.514, 249.540



Tritanomaly
71, 38.922, 212.394

Monochromacy



Original Color
71, 38.934, 219.444



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 22.265, 212.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.884, 219.478 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, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(4, 191, 218)  
}
```

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, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 191, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.884, 219.478 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, 191, 218) }
```

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

```
.border{ border-color:rgb(4, 191, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 191, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 191, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 191, 218);  
box-shadow:4px 4px 4px 4px rgb(4, 191,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.884, 219.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 191, 218) }
```

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

```
.background{ background-color: rgb(4, 191,  
218) }
```

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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