

Converting Colors

CIELCh(71, 47.357, 252.146)

Have a look what the booklet for
CIELCh(71, 47.357, 252.146)
contains.

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Color

CIELCh(71, 47.169, 251.640)

Conversions

Conversions Part 1

Format	Color
Hex	04BAFF
RGB	4, 186, 255
RGB Percent	2%, 73%, 100%
CMY	0.9857, 0.2720, 0.0015
CMYK	0.99, 0.27, 0.00, 0.00
HSL	196°, 100%, 51%
HSV	196°, 99%, 100%
XYZ	35.5182, 42.1875, 100.5593
YIQ	139.4480, -130.6210, -17.1250

Conversions

Conversions Part 2

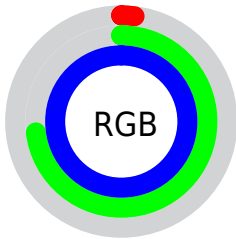
Format	Color
R _{YB}	4, 110, 255
Decimal	310015
CIE Lab	71.00, -14.86, -44.77
CIE LCh	71, 47.169, 251.640
Yxy	42.1875, 0.1992, 0.2367
Android (android.graphics.Color)	4278500095 (0xFF04BAFF)
YUV	139.4480, 56.9671, -118.7879
Hunter-Lab	64.9519, -16.0551, -46.3272

Details

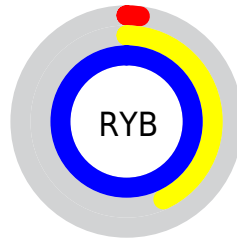
The CIELCh color **71, 47.169, 251.640** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **58, 95.370, 45.798**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 36.131, 208.152**, and **53, 42.561, 261.472** is the 20% darker color. If you saturate the color by 10%, you get **71, 47.485, 252.343**, and if you desaturate by 10%, it is **73, 44.980, 246.806**.

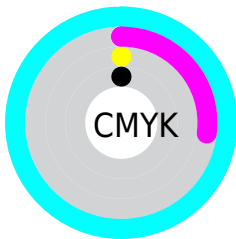
Distribution



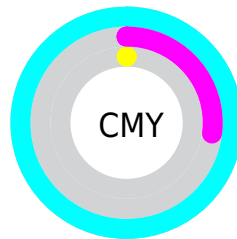
- Red (2%)
- Green (73%)
- Blue (100%)



- Red (2%)
- Yellow (43%)
- Blue (100%)



- Cyan (99%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (99%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 47.169, 251.640 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, 47.169, 251.640 by changing the saturation by 10% instead.


 71, 47.169,
251.640


 71, 47.169,
251.640


 100, 47.169,
251.640


 61, 47.169,
251.640


 91, 47.169,
251.640

 51, 47.169,
251.640

 41, 47.169,
251.640

 31, 47.169,
251.640

 21, 47.169,
251.640

 11, 47.169,
251.640

 1, 47.169, 251.640

■ 0, 47.169, 251.640

■ 71, 47.169,
251.640

■ 71, 47.169,
251.640

■ 71, 47.485,
252.343

■ 73, 44.980,
246.806

■ 76, 42.407,
242.605

■ 78, 39.230,
239.116

■ 81, 35.342,
236.292

■ 84, 30.722,
234.047

■ 87, 25.410,
232.284

■ 90, 19.484,
230.914

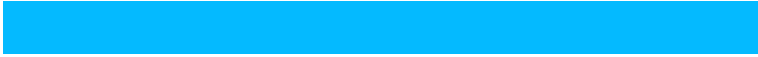
■ 93, 13.037,
229.864

■ 97, 6.163, 229.095

Harmonies

Complementary

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



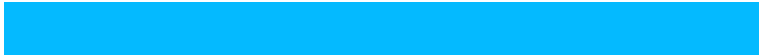
71, 47.169, 251.640



58, 95.370, 45.798

Rectangle

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



71, 47.169, 251.640



71, 47.169, 301.640



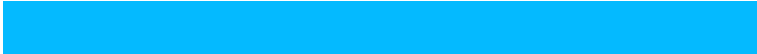
71, 47.169, 71.640



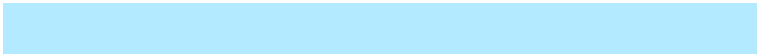
71, 47.169, 121.640

Sweetspot

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



71, 47.168, 251.641



90, 20.393, 231.090



88, 108.511, 140.039



46, 13.716, 231.645



0, 0.000, 0.000



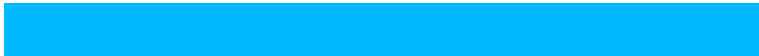
53, 0.007, 296.813

Same Dimension

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



71, 47.168, 251.641



71, 47.540, 252.347



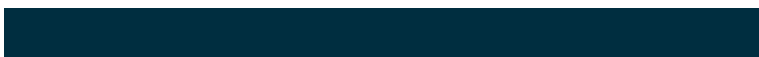
39, 113.009, 301.451



51, 4.087, 229.154



54, 38.036, 251.406



17, 16.815, 244.656

Inverse Universe

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



57, 93.394, 343.198



57, 93.501, 343.455



82, 83.836, 84.776



50, 7.473, 333.896



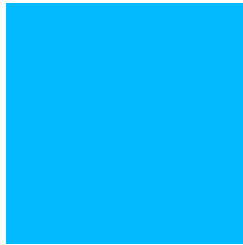
43, 75.550, 343.116



11, 35.559, 340.850

Previews

White Background



This preview shows how the CIE LCh color 71, 47.169, 251.640 looks on a white background.

Color Contrast Check

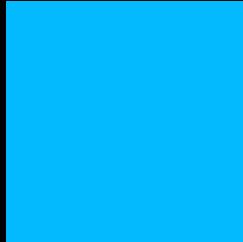
Large Text (above 18pt) WCAG AA × Fail

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, 47.169, 251.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

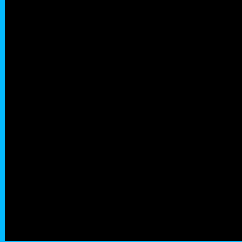
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

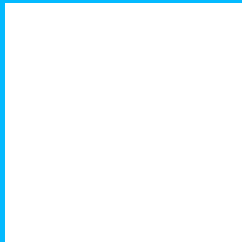
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 47.169, 251.640

Background



This preview shows how black text looks on a background with the CIELCh color 71, 47.169, 251.640.



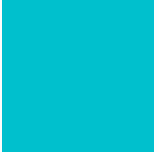
This preview shows how white text looks on a background with the CIELCh color 71, 47.169, 251.640.

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, 39.107, 208.060

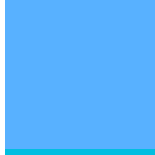
Trichromacy



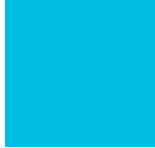
Original Color
71, 47.197, 251.593



Protanomaly
70, 42.714, 265.350



Deuteranomaly
70, 46.548, 266.337



Tritanomaly
71, 39.475, 225.477

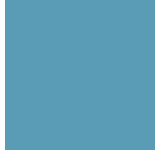
Monochromacy



Original Color
71, 47.197, 251.593



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 24.032, 234.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 47.169, 251.640 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, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(4, 186, 255)  
}
```

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, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 186, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 47.169, 251.640 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, 186, 255) }
```

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

```
.border{ border-color:rgb(4, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(4, 186,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 47.169, 251.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 186, 255) }
```

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

```
.background{ background-color: rgb(4, 186,  
255) }
```

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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