

Converting Colors

CIELCh(64, 90.531, 203.464)

Have a look what the booklet for
CIELCh(64, 90.531, 203.464)
contains.

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Color

CIELCh(71, 38.955, 220.352)

Conversions

Conversions Part 1

Format	Color
Hex	03BFDB
RGB	3, 191, 219
RGB Percent	1%, 75%, 86%
CMY	0.9870, 0.2527, 0.1428
CMYK	0.98, 0.13, 0.00, 0.14
HSL	188°, 97%, 44%
HSV	188°, 98%, 86%
XYZ	31.3089, 42.1875, 73.2219
YIQ	137.9800, -121.0360, -31.1480

Conversions

Conversions Part 2

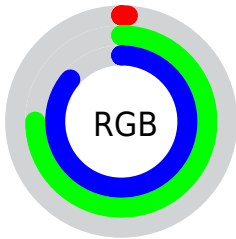
Format	Color
RYB	3, 104, 219
Decimal	245723
CIELab	71.00, -29.69, -25.22
CIELCh	71, 38.955, 220.352
Yxy	42.1875, 0.2134, 0.2875
Android (android.graphics.Color)	4278435803 (0xFF03BFDB)
YUV	137.9800, 39.9429, -118.3775
Hunter-Lab	64.9519, -27.6231, -21.3727

Details

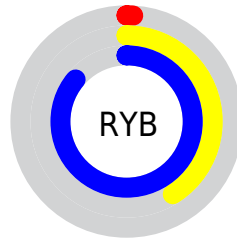
The CIELCh color **71, 38.955, 220.352** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **47, 89.877, 41.330**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 38.865, 202.465**, and **52, 31.291, 227.518** is the 20% darker color. If you saturate the color by 10%, you get **71, 39.005, 220.715**, and if you desaturate by 10%, it is **72, 38.479, 218.053**.

Distribution



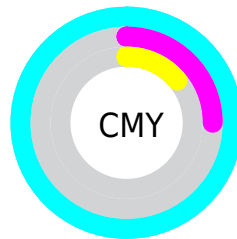
- Red (1%)
- Green (75%)
- Blue (86%)



- Red (1%)
- Yellow (41%)
- Blue (86%)



- Cyan (98%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)





- Cyan (99%)
- Magenta (25%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 38.955, 220.352 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, 38.955, 220.352 by changing the saturation by 10% instead.


 71, 38.955,
220.352


 71, 38.955,
220.352


 100, 38.955,
220.352


 61, 38.955,
220.352


 91, 38.955,
220.352

 51, 38.955,
220.352

 41, 38.955,
220.352

 31, 38.955,
220.352

 21, 38.955,
220.352

 11, 38.955,
220.352

 1, 38.955, 220.352

■ 0, 38.955, 220.352

■ 71, 38.955,
220.352

■ 71, 38.955,
220.352

■ 71, 39.005,
220.715

■ 72, 38.479,
218.053

■ 73, 37.276,
216.179

■ 74, 35.196,
214.718

■ 76, 32.205,
213.618

■ 77, 28.332,
212.821

■ 79, 23.649,
212.276

■ 81, 18.257,
211.939

■ 83, 12.269,
211.774

■ 85, 5.796, 211.777

Harmonies

Complementary

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



71, 38.955, 220.352



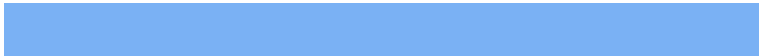
47, 89.877, 41.330

Rectangle

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



71, 38.955, 220.352



71, 38.955, 270.352



71, 38.955, 40.352



71, 38.955, 90.352

Sweetspot

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



71, 38.954, 220.352



93, 21.638, 211.986



76, 103.596, 137.121



48, 14.506, 212.120



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, 38.954, 220.352



81, 43.799, 220.957



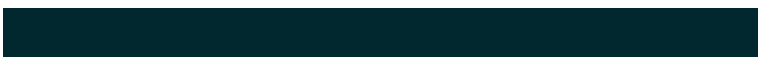
41, 79.727, 293.453



45, 3.878, 211.767



57, 32.844, 220.285



14, 13.355, 215.657

Inverse Universe

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



50, 92.661, 334.173



59, 104.161, 334.331



64, 73.089, 70.946



43, 7.316, 328.735



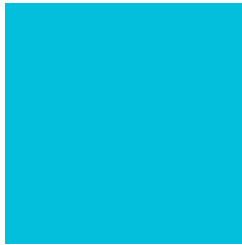
40, 78.199, 334.164



7, 31.541, 332.952

Previews

White Background



This preview shows how the CIE LCh color 71, 38.955, 220.352 looks on a white background.

Color Contrast Check

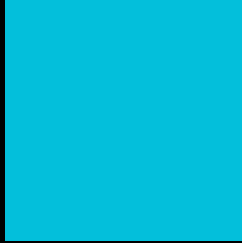
Large Text (above 18pt) WCAG AA × Fail

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, 38.955, 220.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

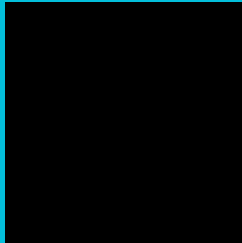
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 38.955, 220.352

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.955, 220.352.

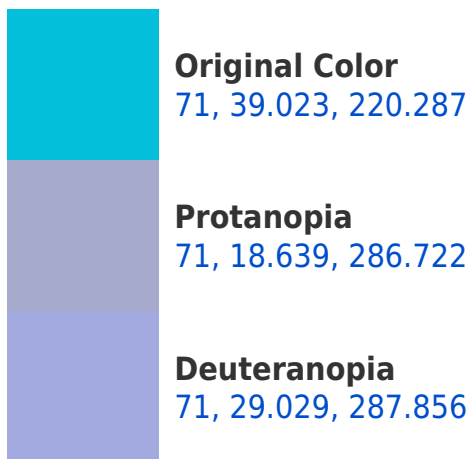


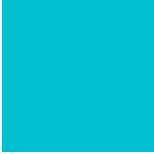
This preview shows how white text looks on a background with the CIELCh color 71, 38.955, 220.352.

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, 39.023, 220.287



Protanomaly
69, 26.816, 239.439



Deuteranomaly
69, 31.012, 250.035



Tritanomaly
71, 38.796, 213.331

Monochromacy



Original Color
71, 39.023, 220.287



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, 38.955, 220.352 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(3, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(3, 191, 219)  
}
```

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(3, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 191, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.955, 220.352 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(3, 191, 219) }
```

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

```
.border{ border-color:rgb(3, 191, 219) }
```

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

Here you see how a box with a 4 pixel rgb(3, 191, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 191, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 191, 219);  
box-shadow:4px 4px 4px 4px rgb(3, 191,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.955, 220.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 191, 219) }
```

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

```
.background{ background-color: rgb(3, 191,  
219) }
```

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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