

Converting Colors

CIELCh(69, 38.058, 219.856)

Have a look what the booklet for
CIELCh(69, 38.058, 219.856)
contains.

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Color

CIELCh(69, 38.054, 219.226)

Conversions

Conversions Part 1

Format	Color
Hex	01B9D3
RGB	1, 185, 211
RGB Percent	0%, 73%, 83%
CMY	0.9950, 0.2750, 0.1731
CMYK	0.99, 0.12, 0.00, 0.17
HSL	187°, 99%, 42%
HSV	187°, 99%, 83%
XYZ	29.0759, 39.3444, 67.5977
YIQ	132.9480, -118.0100, -30.9220

Conversions

Conversions Part 2

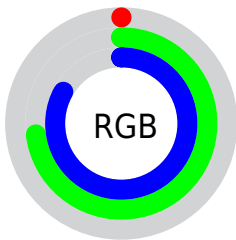
Format	Color
RYB	1, 99, 211
Decimal	113107
CIELab	69.00, -29.48, -24.06
CIELCh	69, 38.054, 219.226
Yxy	39.3444, 0.2138, 0.2893
Android (android.graphics.Color)	4278303187 (0xFF01B9D3)
YUV	132.9480, 38.4796, -115.7184
Hunter-Lab	62.7251, -27.0261, -19.9882

Details

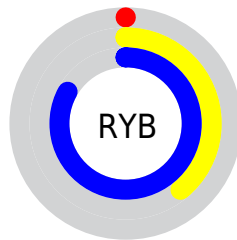
The CIELCh color **69, 38.054, 219.226** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **45, 88.148, 41.359**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 37.537, 208.493**, and **50, 30.166, 226.436** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.073, 219.362**, and if you desaturate by 10%, it is **70, 37.629, 217.048**.

Distribution



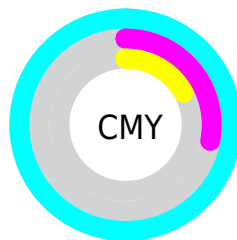
- Red (0%)
- Green (73%)
- Blue (83%)



- Red (0%)
- Yellow (39%)
- Blue (83%)



- Cyan (99%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (28%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.054, 219.226 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 69, 38.054, 219.226 by changing the saturation by 10% instead.

 69, 38.054,
219.226

 69, 38.054,
219.226


 100, 38.054,
219.226

 59, 38.054,
219.226

 89, 38.054,
219.226

 49, 38.054,
219.226

 99, 38.054,
219.226

 39, 38.054,
219.226

 29, 38.054,
219.226

 19, 38.054,
219.226

 9, 38.054, 219.226

 0, 38.054, 219.226

■ 69, 38.054,
219.226

■ 69, 38.054,
219.226

■ 69, 38.073,
219.362

■ 70, 37.629,
217.048

■ 71, 36.529,
215.256

■ 72, 34.577,
213.860

■ 73, 31.736,
212.810

■ 75, 28.028,
212.053

■ 77, 23.524,
211.540

■ 78, 18.320,
211.230

■ 80, 12.524,

211.087

■ 82, 6.245, 211.103

Harmonies

Complementary

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



69, 38.054, 219.226



45, 88.148, 41.359

Rectangle

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



69, 38.054, 219.226



69, 38.054, 269.226



69, 38.054, 39.226



69, 38.054, 89.226

Sweetspot

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



69, 38.053, 219.225



93, 21.737, 211.251



74, 101.081, 137.068



49, 14.572, 211.368



0, 0.000, 0.000



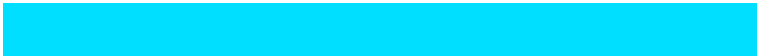
53, 0.007, 296.813

Same Dimension

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



69, 38.053, 219.225



82, 43.914, 219.649



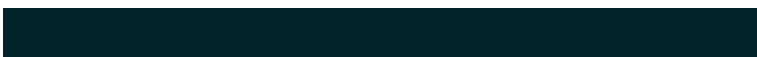
39, 78.194, 293.694



43, 3.747, 211.102



56, 32.221, 218.955



12, 12.509, 214.056

Inverse Universe

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



49, 90.718, 333.897



59, 104.663, 334.006



62, 71.415, 70.783



41, 7.064, 328.538



39, 76.869, 333.833



5, 28.284, 332.299

Previews

White Background



This preview shows how the CIE LCh color 69, 38.054, 219.226 looks on a white background.

Color Contrast Check

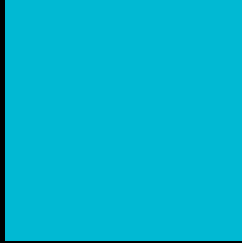
Large Text (above 18pt) WCAG AA × Fail

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 69, 38.054, 219.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

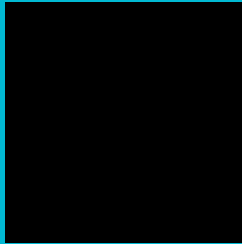
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 38.054, 219.226

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.054, 219.226.



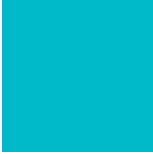
This preview shows how white text looks on a background with the CIELCh color 69, 38.054, 219.226.

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
69, 38.136, 209.306

Trichromacy



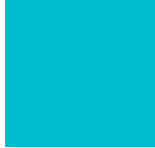
Original Color
69, 38.081, 219.208



Protanomaly
67, 26.087, 237.860



Deuteranomaly
67, 30.045, 249.344



Tritanomaly
69, 38.064, 212.861

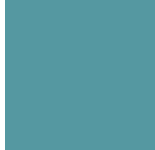
Monochromacy



Original Color
69, 38.081, 219.208



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 21.958, 211.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.054, 219.226 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(1, 185, 211)` looks like.

```
.text, #text, p{  
    color:rgb(1, 185, 211)  
}
```

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(1, 185, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 185, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.054, 219.226 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(1, 185, 211) }
```

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

```
.border{ border-color:rgb(1, 185, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 185, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 185, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 185, 211);  
box-shadow:4px 4px 4px 4px rgb(1, 185,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.054, 219.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 185, 211) }
```

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

```
.background{ background-color: rgb(1, 185,  
211) }
```

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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