

Converting Colors

CIELCh(69, 38.259, 223.410)

Have a look what the booklet for
CIELCh(69, 38.259, 223.410)
contains.

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Color

CIELCh(69, 38.252, 223.802)

Conversions

Conversions Part 1

Format	Color
Hex	06B8D7
RGB	6, 184, 215
RGB Percent	2%, 72%, 84%
CMY	0.9783, 0.2774, 0.1558
CMYK	0.97, 0.14, 0.00, 0.16
HSL	189°, 95%, 43%
HSV	189°, 97%, 84%
XYZ	29.5630, 39.3444, 70.5056
YIQ	134.3120, -116.0390, -28.0950

Conversions

Conversions Part 2

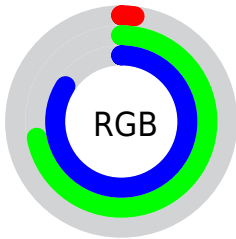
Format	Color
RYB	6, 102, 215
Decimal	440535
CIELab	69.00, -27.61, -26.48
CIELCh	69, 38.252, 223.802
Yxy	39.3444, 0.2121, 0.2822
Android (android.graphics.Color)	4278630615 (0xFF06B8D7)
YUV	134.3120, 39.7792, -112.5296
Hunter-Lab	62.7251, -25.6399, -22.7368

Details

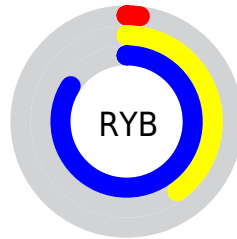
The CIELCh color **69, 38.252, 223.802** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **47, 87.621, 41.638**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 37.156, 209.479**, and **50, 30.781, 231.038** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.361, 224.513**, and if you desaturate by 10%, it is **70, 37.651, 221.175**.

Distribution



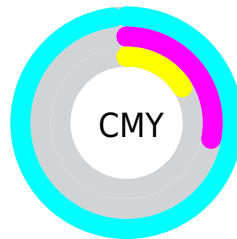
- Red (2%)
- Green (72%)
- Blue (84%)



- Red (2%)
- Yellow (40%)
- Blue (84%)



- Cyan (97%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)





- Cyan (98%)
- Magenta (28%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.252, 223.802 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, 38.252, 223.802 by changing the saturation by 10% instead.

 69, 38.252,
223.802

 69, 38.252,
223.802


 100, 38.252,
223.802


 59, 38.252,
223.802


 89, 38.252,
223.802

 49, 38.252,
223.802

 99, 38.252,
223.802

 39, 38.252,
223.802

 29, 38.252,
223.802

 19, 38.252,
223.802

 9, 38.252, 223.802

 0, 38.252, 223.802

■ 69, 38.252,
223.802

■ 69, 38.252,
223.802

■ 69, 38.361,
224.513

■ 70, 37.651,
221.175

■ 71, 36.329,
219.041

■ 73, 34.159,
217.369

■ 74, 31.112,
216.096

■ 76, 27.219,
215.159

■ 78, 22.555,
214.497

■ 80, 17.220,
214.061

■ 82, 11.320,

213.811

■ 84, 4.964, 213.750

Harmonies

Complementary

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



69, 38.252, 223.802



47, 87.621, 41.638

Rectangle

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



69, 38.252, 223.802



69, 38.252, 273.802



69, 38.252, 43.802



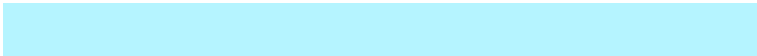
69, 38.252, 93.802

Sweetspot

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



69, 38.251, 223.802



92, 20.739, 214.126



75, 101.378, 137.484



48, 13.987, 214.305



0, 0.000, 0.000



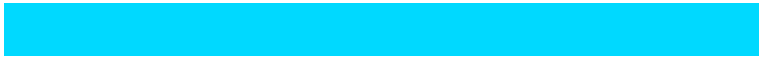
53, 0.007, 296.813

Same Dimension

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



69, 38.251, 223.802



80, 43.582, 224.823



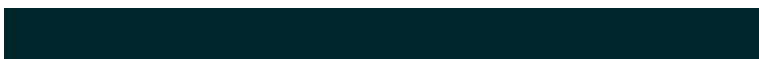
40, 80.085, 294.117



44, 3.755, 213.741



55, 32.305, 224.009



13, 12.797, 218.323

Inverse Universe

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



50, 90.274, 335.034



58, 102.719, 335.305



64, 71.851, 72.817



42, 7.087, 329.307



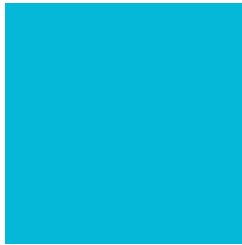
39, 76.310, 335.098



6, 29.565, 333.525

Previews

White Background



This preview shows how the CIE LCh color 69, 38.252, 223.802 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, 38.252, 223.802 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, 38.252, 223.802

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.252, 223.802.

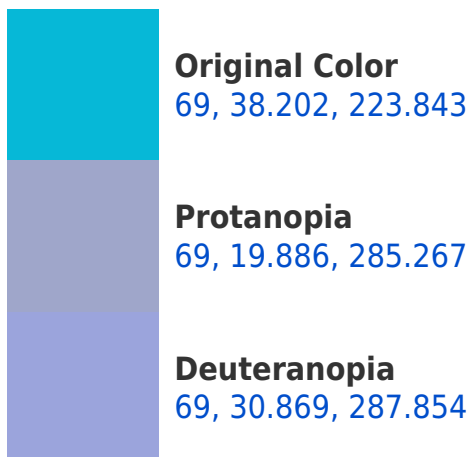


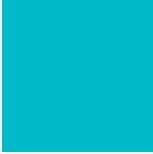
This preview shows how white text looks on a background with the CIELCh color 69, 38.252, 223.802.

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, 38.202, 223.843



Protanomaly
67, 27.236, 242.125



Deuteranomaly
67, 31.776, 253.801



Tritanomaly
69, 37.870, 214.766

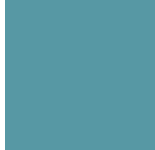
Monochromacy



Original Color
69, 38.202, 223.843



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 21.642, 216.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.252, 223.802 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(6, 184, 215)` looks like.

```
.text, #text, p{  
    color:rgb(6, 184, 215)  
}
```

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(6, 184, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 184, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.252, 223.802 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(6, 184, 215) }
```

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

```
.border{ border-color:rgb(6, 184, 215) }
```

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

Here you see how a box with a 4 pixel rgb(6, 184, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 184, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 184, 215);  
box-shadow:4px 4px 4px 4px rgb(6, 184,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.252, 223.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 184, 215) }
```

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

```
.background{ background-color: rgb(6, 184,  
215) }
```

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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