

Converting Colors

CIELCh(67, 54.057, 220.056)

Have a look what the booklet for
CIELCh(67, 54.057, 220.056)
contains.

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Color

CIELCh(70, 39.522, 230.381)

Conversions

Conversions Part 1

Format	Color
Hex	08BAE1
RGB	8, 186, 225
RGB Percent	3%, 73%, 88%
CMY	0.9696, 0.2694, 0.1163
CMYK	0.97, 0.17, 0.00, 0.12
HSL	191°, 93%, 46%
HSV	191°, 97%, 88%
XYZ	31.3563, 40.7494, 77.6940
YIQ	137.2240, -118.6070, -25.6070

Conversions

Conversions Part 2

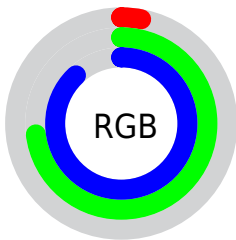
Format	Color
R _Y B	8, 106, 225
Decimal	572129
CIE Lab	70.00, -25.20, -30.44
CIE LCh	70, 39.522, 230.381
Yxy	40.7494, 0.2093, 0.2720
Android (android.graphics.Color)	4278762209 (0xFF08BAE1)
YUV	137.2240, 43.2736, -113.3294
Hunter-Lab	63.8353, -24.0314, -27.4773

Details

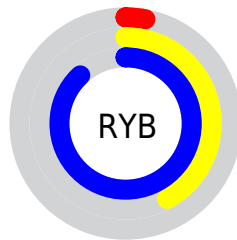
The CIELCh color **70, 39.522, 230.381** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **50, 89.171, 42.464**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 37.048, 207.826**, and **51, 32.745, 239.109** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.747, 231.572**, and if you desaturate by 10%, it is **71, 38.664, 227.133**.

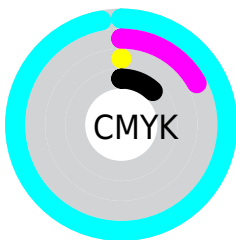
Distribution



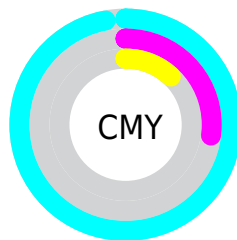
- Red (3%)
- Green (73%)
- Blue (88%)



- Red (3%)
- Yellow (42%)
- Blue (88%)



- Cyan (97%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)





- Cyan (97%)
- Magenta (27%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 39.522, 230.381 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 70, 39.522, 230.381 by changing the saturation by 10% instead.


 70, 39.522,
230.381


 70, 39.522,
230.381


 100, 39.522,
230.381


 60, 39.522,
230.381


 90, 39.522,
230.381

 50, 39.522,
230.381

 40, 39.522,
230.381

 30, 39.522,
230.381

 20, 39.522,
230.381

 10, 39.522,
230.381

 0, 39.522, 230.381

■ 70, 39.522,
230.381

■ 70, 39.522,
230.381

■ 70, 39.747,
231.572

■ 71, 38.664,
227.133

■ 73, 37.102,
224.479

■ 75, 34.712,
222.377

■ 76, 31.458,
220.752

■ 78, 27.371,
219.524

■ 81, 22.527,
218.622

■ 83, 17.023,
217.984

■ 85, 10.967,

217.562

■ 88, 4.466, 217.362

Harmonies

Complementary

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



70, 39.522, 230.381



50, 89.171, 42.464

Rectangle

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



70, 39.522, 230.381



70, 39.522, 280.381



70, 39.522, 50.381



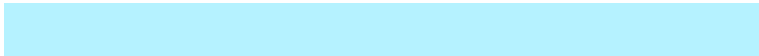
70, 39.522, 100.381

Sweetspot

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



70, 39.521, 230.381



92, 20.345, 218.129



79, 103.190, 138.142



48, 13.727, 218.401



0, 0.000, 0.000



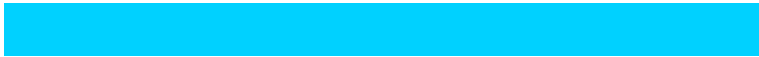
53, 0.007, 296.813

Same Dimension

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



70, 39.521, 230.381



78, 43.654, 231.845



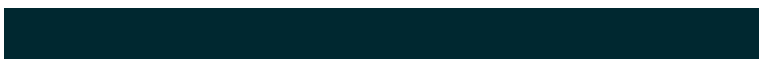
40, 86.975, 295.915



46, 3.821, 217.388



55, 33.015, 230.928



14, 13.555, 224.597

Inverse Universe

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



52, 91.169, 336.734



58, 100.230, 337.137



69, 74.260, 76.095



44, 7.201, 330.371



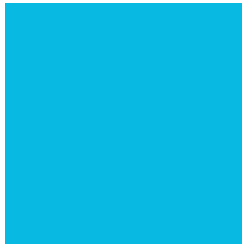
40, 76.119, 336.892



7, 31.819, 335.233

Previews

White Background



This preview shows how the CIELCh color 70, 39.522, 230.381 looks on a white background.

Color Contrast Check

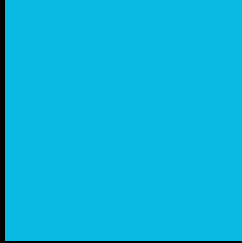
Large Text (above 18pt) WCAG AA × Fail

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 70, 39.522, 230.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

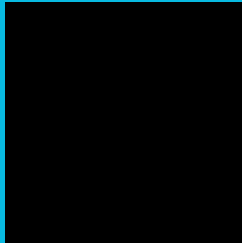
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 39.522, 230.381

Background



This preview shows how black text looks on a background with the CIELCh color 70, 39.522, 230.381.

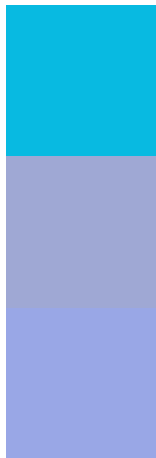


This preview shows how white text looks on a background with the CIELCh color 70, 39.522, 230.381.

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



Original Color

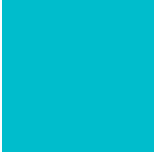
70, 39.469, 230.401

Protanopia

70, 24.242, 285.476

Deuteranopia

70, 34.681, 286.315



Tritanopia
70, 38.601, 209.110

Trichromacy



Original Color
70, 39.469, 230.401



Protanomaly
68, 30.028, 249.157



Deuteranomaly
68, 34.997, 257.300



Tritanomaly
70, 38.374, 217.144

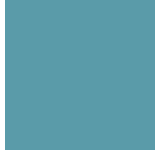
Monochromacy



Original Color
70, 39.469, 230.401



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 21.845, 219.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 39.522, 230.381 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(8, 186, 225)` looks like.

```
.text, #text, p{  
    color:rgb(8, 186, 225)  
}
```

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(8, 186, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 186, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 39.522, 230.381 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(8, 186, 225) }
```

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

```
.border{ border-color:rgb(8, 186, 225) }
```

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

Here you see how a box with a 4 pixel rgb(8, 186, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 186, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 186, 225);  
box-shadow:4px 4px 4px 4px rgb(8, 186,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 39.522, 230.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 186, 225) }
```

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

```
.background{ background-color: rgb(8, 186,  
225) }
```

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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