

Converting Colors

CIELCh(70, 38.764, 227.162)

Have a look what the booklet for
CIELCh(70, 38.764, 227.162)
contains.

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Color

CIELCh(70, 38.810, 227.092)

Conversions

Conversions Part 1

Format	Color
Hex	0FBBDE
RGB	15, 187, 222
RGB Percent	6%, 73%, 87%
CMY	0.9430, 0.2680, 0.1308
CMYK	0.93, 0.16, 0.00, 0.13
HSL	190°, 88%, 46%
HSV	190°, 93%, 87%
XYZ	31.0252, 40.7494, 75.0923
YIQ	139.5620, -113.7470, -25.5790

Conversions

Conversions Part 2

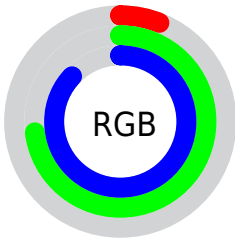
Format	Color
R _{YB}	15, 109, 222
Decimal	1031134
CIE Lab	70.00, -26.42, -28.43
CIE LCh	70, 38.810, 227.092
Yxy	40.7494, 0.2112, 0.2775
Android (android.graphics.Color)	4279221214 (0xFF0FBBDE)
YUV	139.5620, 40.6419, -109.2409
Hunter-Lab	63.8353, -24.9573, -25.0609

Details

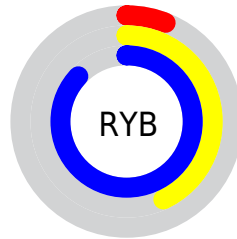
The CIELCh color **70, 38.810, 227.092** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **49, 86.240, 42.085**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 37.272, 206.913**, and **51, 32.036, 236.019** is the 20% darker color. If you saturate the color by 10%, you get **69, 39.181, 229.210**, and if you desaturate by 10%, it is **71, 37.831, 224.235**.

Distribution



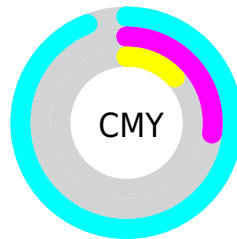
- Red (6%)
- Green (73%)
- Blue (87%)



- Red (6%)
- Yellow (43%)
- Blue (87%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)





- Cyan (94%)
- Magenta (27%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 38.810, 227.092 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, 38.810, 227.092 by changing the saturation by 10% instead.


 70, 38.810,
227.092


 70, 38.810,
227.092


 100, 38.810,
227.092


 60, 38.810,
227.092


 90, 38.810,
227.092

 50, 38.810,
227.092

 40, 38.810,
227.092

 30, 38.810,
227.092

 20, 38.810,
227.092

 10, 38.810,
227.092

 0, 38.810, 227.092

70, 38.810,
227.092

70, 38.810,
227.092

69, 39.181,
229.210

71, 37.831,
224.235

73, 36.084,
221.937

74, 33.481,
220.138

76, 30.014,
218.766

78, 25.732,
217.748

80, 20.719,
217.017

83, 15.079,
216.520

85, 8.921, 216.221

Harmonies

Complementary

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



70, 38.810, 227.092



49, 86.240, 42.085

Rectangle

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



70, 38.810, 227.092



70, 38.810, 277.092



70, 38.810, 47.092



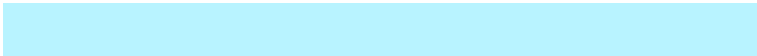
70, 38.810, 97.092

Sweetspot

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



70, 38.809, 227.092



92, 19.835, 216.731



78, 100.366, 138.595



48, 13.464, 216.965



0, 0.000, 0.000



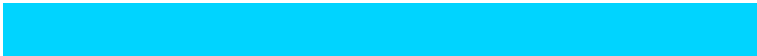
53, 0.007, 296.813

Same Dimension

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



70, 38.809, 227.092



79, 43.563, 229.503



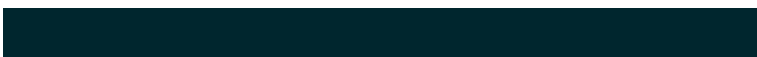
41, 82.811, 294.763



45, 3.774, 216.159



55, 32.612, 228.602



13, 13.144, 222.343

Inverse Universe

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



51, 90.496, 335.858



58, 101.044, 336.515



68, 72.503, 76.904



43, 7.119, 330.011



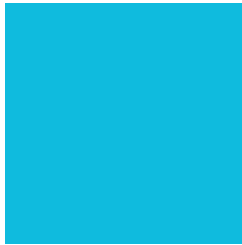
39, 75.910, 336.279



6, 30.685, 334.622

Previews

White Background



This preview shows how the CIELCh color 70, 38.810, 227.092 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, 38.810, 227.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

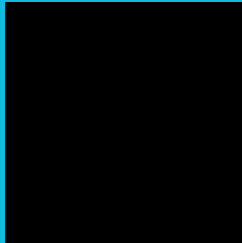
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 38.810, 227.092

Background



This preview shows how black text looks on a background with the CIELCh color 70, 38.810, 227.092.

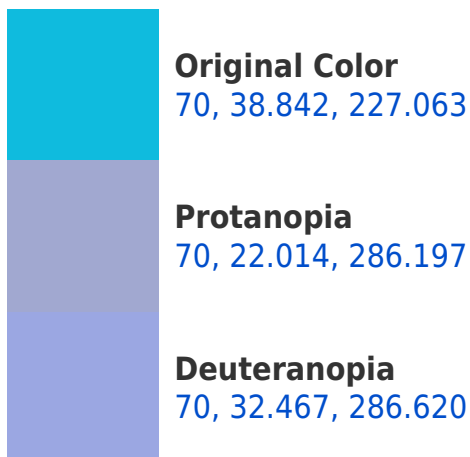


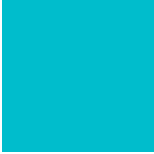
This preview shows how white text looks on a background with the CIELCh color 70, 38.810, 227.092.

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
70, 38.601, 209.110

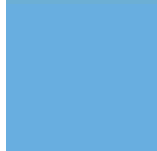
Trichromacy



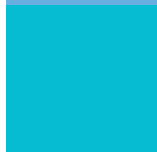
Original Color
70, 38.842, 227.063



Protanomaly
68, 28.030, 247.018



Deuteranomaly
68, 32.924, 255.813

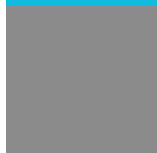


Tritanomaly
70, 38.259, 215.413

Monochromacy



Original Color
70, 38.842, 227.063



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 21.019, 218.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 38.810, 227.092 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(15, 187, 222)` looks like.

```
.text, #text, p{  
    color:rgb(15, 187, 222)  
}
```

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(15, 187, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 187, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 38.810, 227.092 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(15, 187, 222) }
```

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

```
.border{ border-color:rgb(15, 187, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 187, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 187, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 187, 222);  
box-shadow:4px 4px 4px 4px rgb(15, 187,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 38.810, 227.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 187, 222) }
```

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

```
.background{ background-color: rgb(15, 187,  
222) }
```

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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