

Converting Colors

CIELCh(73, 38.878, 220.259)

Have a look what the booklet for
CIELCh(73, 38.878, 220.259)
contains.

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Color

CIELCh(73, 38.839, 220.326)

Conversions

Conversions Part 1

Format	Color
Hex	1DC4E0
RGB	29, 196, 224
RGB Percent	11%, 77%, 88%
CMY	0.8853, 0.2311, 0.1213
CMYK	0.87, 0.12, 0.00, 0.12
HSL	189°, 77%, 50%
HSV	189°, 87%, 88%
XYZ	33.7348, 45.1644, 77.5150
YIQ	149.2590, -108.5200, -26.6960

Conversions

Conversions Part 2

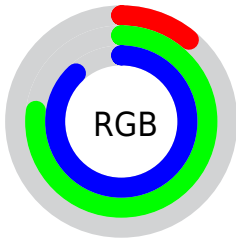
Format	Color
R_{YB}	29, 119, 224
Decimal	1950944
CIE _{Lab}	73.00, -29.61, -25.13
CIE _{LCh}	73, 38.839, 220.326
Yxy	45.1644, 0.2157, 0.2887
Android (android.graphics.Color)	4280141024 (0xFF1DC4E0)
YUV	149.2590, 36.8473, -105.4671
Hunter-Lab	67.2044, -28.0057, -21.3432

Details

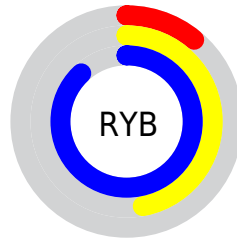
The CIELCh color **73, 38.839, 220.326** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **51, 82.394, 40.587**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 38.828, 198.582**, and **54, 31.996, 226.549** is the 20% darker color. If you saturate the color by 10%, you get **72, 39.447, 222.865**, and if you desaturate by 10%, it is **74, 37.460, 218.272**.

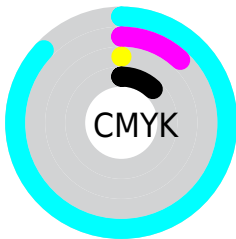
Distribution



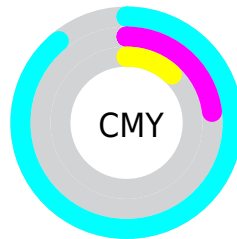
- Red (11%)
- Green (77%)
- Blue (88%)



- Red (11%)
- Yellow (47%)
- Blue (88%)



- Cyan (87%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)





- Cyan (89%)
- Magenta (23%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 38.839, 220.326 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 73, 38.839, 220.326 by changing the saturation by 10% instead.


 73, 38.839,
220.326


 73, 38.839,
220.326


 100, 38.839,
220.326


 63, 38.839,
220.326


 93, 38.839,
220.326

 53, 38.839,
220.326

 43, 38.839,
220.326

 33, 38.839,
220.326

 23, 38.839,
220.326

 13, 38.839,
220.326

 3, 38.839, 220.326

0, 38.839, 220.326

73, 38.839,
220.326

73, 38.839,
220.326

72, 39.447,
222.865

74, 37.460,
218.272

72, 39.566,
223.693

76, 35.195,
216.669

77, 32.017,
215.454

79, 27.960,
214.565

81, 23.104,
213.945

83, 17.553,
213.544

■ 85, 11.419,
213.325

■ 87, 4.814, 213.296

■ 90, 2.159, 32.896

Harmonies

Complementary

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



73, 38.839, 220.326



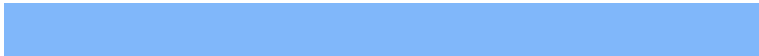
51, 82.394, 40.587

Rectangle

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



73, 38.839, 220.326



73, 38.839, 270.326



73, 38.839, 40.326



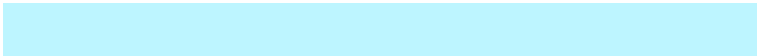
73, 38.839, 90.326

Sweetspot

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



73, 38.838, 220.325



93, 18.859, 213.521



78, 99.232, 138.801



49, 12.616, 213.634



0, 0.000, 0.000



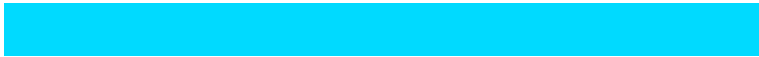
53, 0.007, 296.813

Same Dimension

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



73, 38.838, 220.325



80, 43.616, 223.918



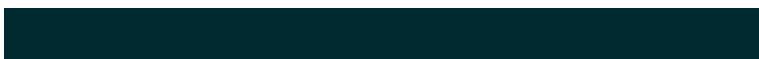
45, 73.098, 290.202



46, 3.913, 213.277



57, 33.045, 223.197



15, 13.702, 218.269

Inverse Universe

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



53, 91.598, 334.089



58, 103.051, 335.075



68, 70.146, 75.376



44, 7.385, 329.175



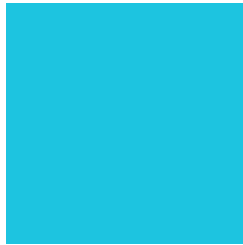
40, 78.217, 334.893



7, 32.602, 333.648

Previews

White Background



This preview shows how the CIE LCh color 73, 38.839, 220.326 looks on a white background.

Color Contrast Check

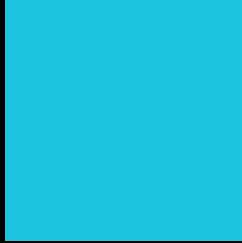
Large Text (above 18pt) WCAG AA × Fail

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 73, 38.839, 220.326 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 73, 38.839, 220.326

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.839, 220.326.

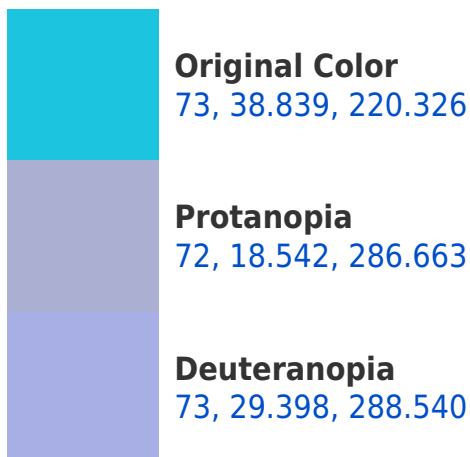


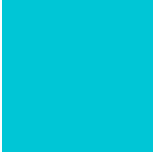
This preview shows how white text looks on a background with the CIELCh color 73, 38.839, 220.326.

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](#).

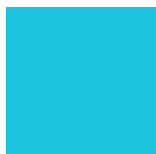
Dichromacy



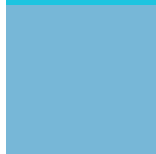


Tritanopia
73, 39.953, 209.390

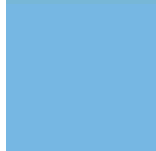
Trichromacy



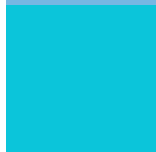
Original Color
73, 38.839, 220.326



Protanomaly
71, 25.524, 241.824

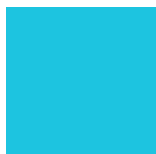


Deuteranomaly
72, 29.830, 252.536

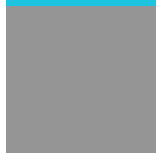


Tritanomaly
73, 39.447, 213.810

Monochromacy



Original Color
73, 38.839, 220.326



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 20.507, 213.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.839, 220.326 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(29, 196, 224)` looks like.

```
.text, #text, p{  
    color:rgb(29, 196, 224)  
}
```

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(29, 196, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 196, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.839, 220.326 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(29, 196, 224) }
```

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

```
.border{ border-color:rgb(29, 196, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 196, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 196, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 196, 224);  
box-shadow:4px 4px 4px 4px rgb(29, 196,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.839, 220.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 196, 224) }
```

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

```
.background{ background-color: rgb(29, 196,  
224) }
```

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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