

Converting Colors

CIELCh(73, 40.403, 228.266)

Have a look what the booklet for
CIELCh(73, 40.403, 228.266)
contains.

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Color

CIELCh(73, 40.352, 228.313)

Conversions

Conversions Part 1

Format	Color
Hex	0FC3E9
RGB	15, 195, 233
RGB Percent	6%, 76%, 91%
CMY	0.9393, 0.2342, 0.0851
CMYK	0.93, 0.16, 0.00, 0.09
HSL	190°, 88%, 49%
HSV	190°, 93%, 91%
XYZ	34.5339, 45.1644, 84.2103
YIQ	145.5120, -119.4780, -26.3420

Conversions

Conversions Part 2

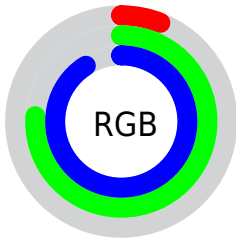
Format	Color
R _Y B	15, 114, 233
Decimal	1033193
CIE Lab	73.00, -26.84, -30.13
CIE LCh	73, 40.352, 228.313
Yxy	45.1644, 0.2107, 0.2755
Android (android.graphics.Color)	4279223273 (0xFF0FC3E9)
YUV	145.5120, 43.1316, -114.4590
Hunter-Lab	67.2044, -25.8833, -27.2500

Details

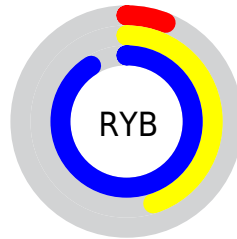
The CIELCh color **73, 40.352, 228.313** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **52, 89.577, 42.279**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 39.088, 199.325**, and **54, 33.456, 236.168** is the 20% darker color. If you saturate the color by 10%, you get **72, 40.758, 230.555**, and if you desaturate by 10%, it is **74, 39.308, 225.330**.

Distribution



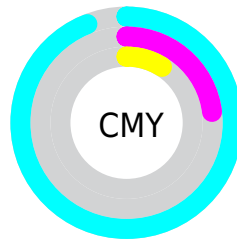
- Red (6%)
- Green (76%)
- Blue (91%)



- Red (6%)
- Yellow (45%)
- Blue (91%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)





- Cyan (94%)
- Magenta (23%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 40.352, 228.313 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, 40.352, 228.313 by changing the saturation by 10% instead.


 73, 40.352,
228.313


 73, 40.352,
228.313


 100, 40.352,
228.313


 63, 40.352,
228.313


 93, 40.352,
228.313

 53, 40.352,
228.313

 43, 40.352,
228.313

 33, 40.352,
228.313

 23, 40.352,
228.313

 13, 40.352,
228.313

 3, 40.352, 228.313

■ 0, 40.352, 228.313

■ 73, 40.352,
228.313

■ 73, 40.352,
228.313

■ 72, 40.758,
230.555

■ 74, 39.308,
225.330

■ 76, 37.475,
222.926

■ 78, 34.759,
221.041

■ 80, 31.149,
219.599

■ 82, 26.693,
218.523

■ 84, 21.479,
217.746

■ 86, 15.616,
217.211

■ 89, 9.215, 216.880

■ 92, 2.383, 216.860

Harmonies

Complementary

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



73, 40.352, 228.313



52, 89.577, 42.279

Rectangle

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



73, 40.352, 228.313



73, 40.352, 278.313



73, 40.352, 48.313



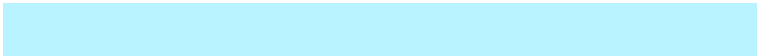
73, 40.352, 98.313

Sweetspot

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



73, 40.351, 228.313



92, 19.771, 217.439



81, 104.421, 138.566



48, 13.422, 217.689



0, 0.000, 0.000



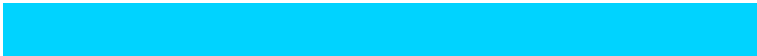
53, 0.007, 296.813

Same Dimension

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



73, 40.351, 228.313



78, 43.603, 230.743



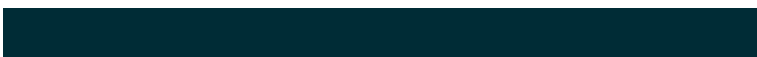
43, 86.269, 294.836



48, 3.975, 216.809



57, 33.695, 229.931



16, 14.436, 224.394

Inverse Universe

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



54, 93.695, 336.177



58, 100.611, 336.843



71, 75.417, 76.856



46, 7.495, 330.205



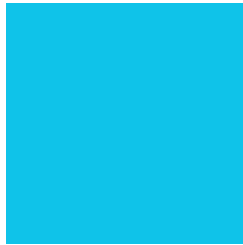
41, 78.018, 336.628



9, 34.065, 335.196

Previews

White Background



This preview shows how the CIE LCh color 73, 40.352, 228.313 looks on a white background.

Color Contrast Check

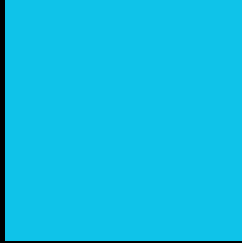
Large Text (above 18pt) WCAG AA × Fail

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, 40.352, 228.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

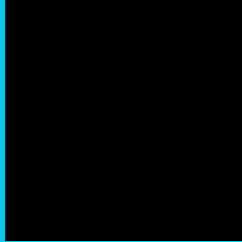
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 40.352, 228.313

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.352, 228.313.

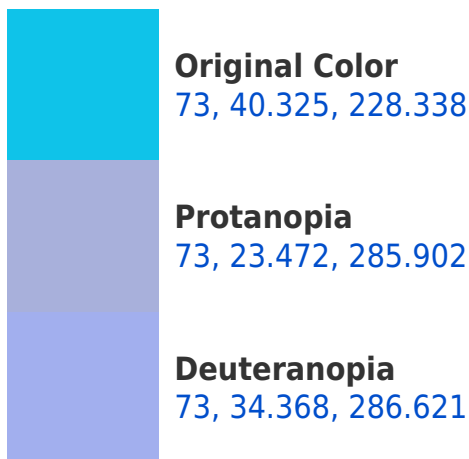


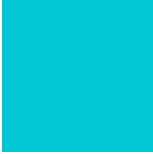
This preview shows how white text looks on a background with the CIELCh color 73, 40.352, 228.313.

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, 39.990, 208.554

Trichromacy



Original Color
73, 40.325, 228.338



Protanomaly
71, 29.478, 248.185



Deuteranomaly
71, 34.791, 257.059



Tritanomaly
73, 39.606, 215.437

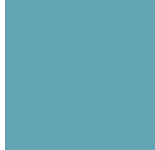
Monochromacy



Original Color
73, 40.325, 228.338



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 21.868, 218.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.352, 228.313 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, 195, 233)` looks like.

```
.text, #text, p{  
    color:rgb(15, 195, 233)  
}
```

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, 195, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 195, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.352, 228.313 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, 195, 233) }
```

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

```
.border{ border-color:rgb(15, 195, 233) }
```

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

Here you see how a box with a 4 pixel rgb(15, 195, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 195, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 195, 233);  
box-shadow:4px 4px 4px 4px rgb(15, 195,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.352, 228.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 195, 233) }
```

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

```
.background{ background-color: rgb(15, 195,  
233) }
```

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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