

Converting Colors

CIELCh(73, 42.206, 239.525)

Have a look what the booklet for
CIELCh(73, 42.206, 239.525)
contains.

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Color

CIELCh(73, 42.304, 239.958)

Conversions

Conversions Part 1

Format	Color
Hex	1EC1F5
RGB	30, 193, 245
RGB Percent	12%, 76%, 96%
CMY	0.8825, 0.2419, 0.0379
CMYK	0.88, 0.21, 0.00, 0.04
HSL	194°, 92%, 54%
HSV	194°, 88%, 96%
XYZ	36.2029, 45.1644, 93.4555
YIQ	150.1910, -113.8400, -18.3840

Conversions

Conversions Part 2

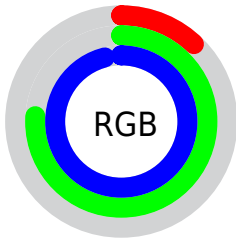
Format	Color
R _{YB}	30, 123, 245
Decimal	2015733
CIE _{Lab}	73.00, -21.18, -36.62
CIE _{LCh}	73, 42.304, 239.958
Y _{xy}	45.1644, 0.2071, 0.2583
Android (android.graphics.Color)	4280205813 (0xFF1EC1F5)
YUV	150.1910, 46.7408, -105.4075
Hunter-Lab	67.2044, -21.4502, -35.4064

Details

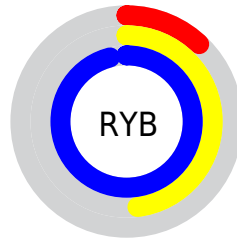
The CIELCh color **73, 42.304, 239.958** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **58, 85.464, 45.041**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 37.377, 201.143**, and **54, 37.183, 249.306** is the 20% darker color. If you saturate the color by 10%, you get **71, 43.888, 244.365**, and if you desaturate by 10%, it is **75, 40.196, 236.224**.

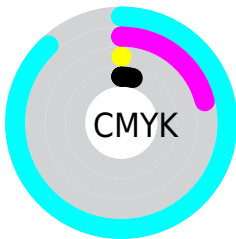
Distribution



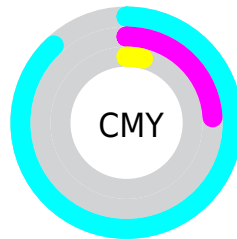
- Red (12%)
- Green (76%)
- Blue (96%)



- Red (12%)
- Yellow (48%)
- Blue (96%)



- Cyan (88%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)





- Cyan (88%)
- Magenta (24%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.304, 239.958 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, 42.304, 239.958 by changing the saturation by 10% instead.


 73, 42.304,
239.958


 73, 42.304,
239.958


 100, 42.304,
239.958


 63, 42.304,
239.958


 93, 42.304,
239.958

 53, 42.304,
239.958

 43, 42.304,
239.958

 33, 42.304,
239.958

 23, 42.304,
239.958

 13, 42.304,
239.958

 3, 42.304, 239.958

■ 0, 42.304, 239.958

■ 73, 42.304,
239.958

■ 73, 42.304,
239.958

■ 71, 43.888,
244.365

■ 75, 40.196,
236.224

■ 71, 44.228,
245.372

■ 77, 37.382,
233.178

■ 80, 33.782,
230.752

■ 82, 29.396,
228.852

■ 85, 24.282,
227.386

■ 88, 18.526,
226.271

■ 91, 12.230,
225.441

■ 94, 5.494, 224.872

■ 97, 1.590, 43.909

Harmonies

Complementary

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



73, 42.304, 239.958



58, 85.464, 45.041

Rectangle

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



73, 42.304, 239.958



73, 42.304, 289.958



73, 42.304, 59.958



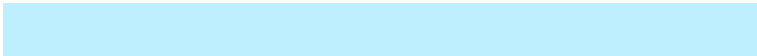
73, 42.304, 109.958

Sweetspot

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



73, 42.303, 239.958



92, 17.990, 226.108



85, 101.037, 141.092



48, 12.053, 226.442



0, 0.000, 0.000



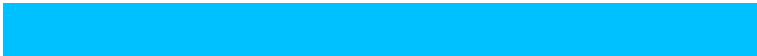
53, 0.007, 296.813

Same Dimension

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



73, 42.303, 239.958



73, 45.567, 245.477



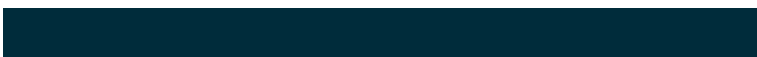
44, 93.047, 296.624



50, 3.986, 224.946



55, 35.797, 244.503



16, 15.504, 237.677

Inverse Universe

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



56, 91.921, 339.373



57, 95.700, 341.111



79, 77.705, 83.932



48, 7.401, 332.609



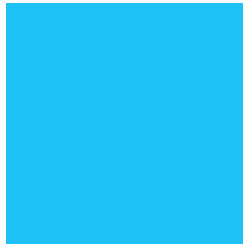
42, 75.794, 340.801



10, 34.485, 338.753

Previews

White Background



This preview shows how the CIELCh color 73, 42.304, 239.958 looks on a white background.

Color Contrast Check

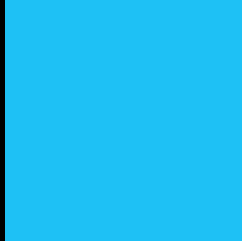
Large Text (above 18pt) WCAG AA × Fail

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, 42.304, 239.958 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

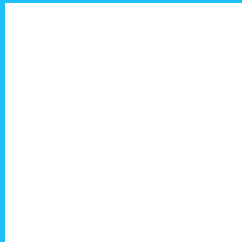
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 42.304, 239.958

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.304, 239.958.

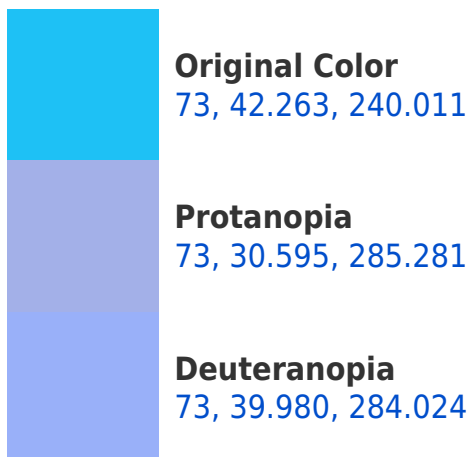


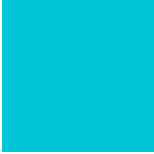
This preview shows how white text looks on a background with the CIELCh color 73, 42.304, 239.958.

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



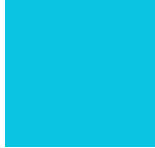
Original Color
73, 42.263, 240.011



Protanomaly
72, 34.516, 259.639



Deuteranomaly
72, 39.961, 263.710



Tritanomaly
73, 39.615, 220.683

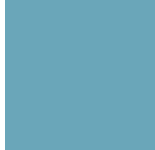
Monochromacy



Original Color
73, 42.263, 240.011



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 21.445, 227.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.304, 239.958 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(30, 193, 245)` looks like.

```
.text, #text, p{  
    color:rgb(30, 193, 245)  
}
```

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(30, 193, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 193, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.304, 239.958 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(30, 193, 245) }
```

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

```
.border{ border-color:rgb(30, 193, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 193, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 193, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 193, 245);  
box-shadow:4px 4px 4px 4px rgb(30, 193,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.304, 239.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 193, 245) }
```

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

```
.background{ background-color: rgb(30, 193,  
245) }
```

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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