

Converting Colors

CIELCh(73, 44.910, 244.070)

Have a look what the booklet for
CIELCh(73, 44.910, 244.070)
contains.

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Color

CIELCh(73, 44.807, 243.868)

Conversions

Conversions Part 1

Format	Color
Hex	00C1FC
RGB	0, 193, 252
RGB Percent	0%, 76%, 99%
CMY	0.9999, 0.2432, 0.0118
CMYK	1.00, 0.23, 0.00, 0.01
HSL	194°, 100%, 49%
HSV	194°, 100%, 99%
XYZ	36.6373, 45.1644, 98.8763
YIQ	142.0190, -133.9670, -22.5670

Conversions

Conversions Part 2

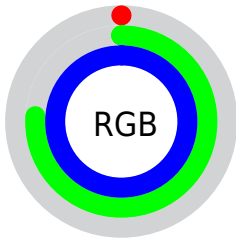
Format	Color
RYB	0, 109, 252
Decimal	49660
CIELab	73.00, -19.73, -40.23
CIElCh	73, 44.807, 243.868
Yxy	45.1644, 0.2028, 0.2500
Android (android.graphics.Color)	4278239740 (0xFF00C1FC)
YUV	142.0190, 54.2206, -124.5507
Hunter-Lab	67.2044, -20.2963, -40.1888

Details

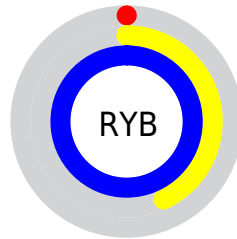
The CIELCh color **73, 44.807, 243.868** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **56, 97.516, 44.132**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 38.327, 200.988**, and **54, 39.301, 253.891** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.807, 243.872**, and if you desaturate by 10%, it is **75, 43.359, 239.458**.

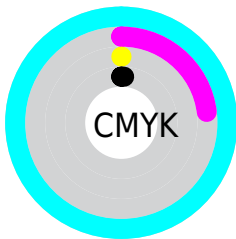
Distribution



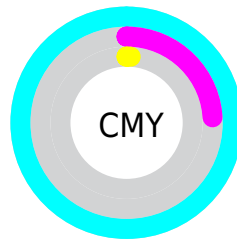
- Red (0%)
- Green (76%)
- Blue (99%)



- Red (0%)
- Yellow (43%)
- Blue (99%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 44.807, 243.868 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, 44.807, 243.868 by changing the saturation by 10% instead.

 73, 44.807,
243.868

 73, 44.807,
243.868

 100, 44.807,
243.868

 63, 44.807,
243.868

 93, 44.807,
243.868

 53, 44.807,
243.868

 43, 44.807,
243.868

 33, 44.807,
243.868

 23, 44.807,
243.868

 13, 44.807,
243.868

 3, 44.807, 243.868

■ 0, 44.807, 243.868

■ 73, 44.807,
243.868

■ 73, 44.807,
243.868

■ 73, 44.807,
243.872

■ 75, 43.359,
239.458

■ 77, 41.445,
235.657

■ 79, 38.815,
232.546

■ 81, 35.371,
230.065

■ 84, 31.100,
228.122

■ 87, 26.052,
226.624

■ 90, 20.314,
225.488

■ 93, 13.990,
224.643

■ 96, 7.184, 224.051

Harmonies

Complementary

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



73, 44.807, 243.868



56, 97.516, 44.132

Rectangle

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



73, 44.807, 243.868



73, 44.807, 293.868



73, 44.807, 63.868



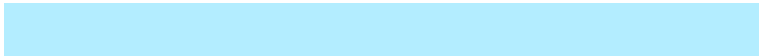
73, 44.807, 113.868

Sweetspot

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



73, 44.806, 243.869



90, 20.514, 225.490



87, 110.560, 138.976



47, 13.779, 225.931



0, 0.000, 0.000



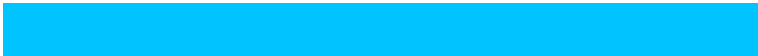
53, 0.007, 296.813

Same Dimension

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



73, 44.806, 243.869



74, 45.218, 243.903



40, 108.939, 300.498



51, 4.064, 224.029



56, 35.910, 242.996



17, 15.893, 236.645

Inverse Universe

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



57, 95.358, 340.602



57, 96.209, 340.613



79, 82.575, 81.414



49, 7.567, 332.335



42, 76.955, 340.331



11, 35.574, 338.459

Previews

White Background



This preview shows how the CIE LCh color 73, 44.807, 243.868 looks on a white background.

Color Contrast Check

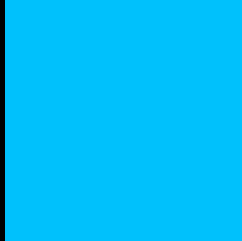
Large Text (above 18pt) WCAG AA × Fail

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, 44.807, 243.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

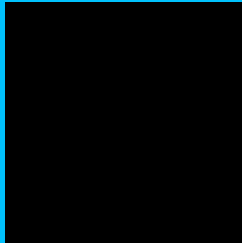
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 44.807, 243.868

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.807, 243.868.



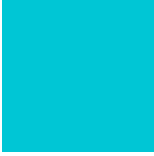
This preview shows how white text looks on a background with the CIELCh color 73, 44.807, 243.868.

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

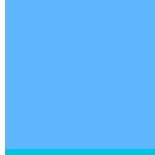
Trichromacy



Original Color
73, 44.807, 243.868



Protanomaly
71, 38.813, 259.948



Deuteranomaly
72, 43.753, 263.331



Tritanomaly
73, 40.032, 222.166

Monochromacy



Original Color
73, 44.807, 243.868



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 24.212, 227.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 44.807, 243.868 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(0, 193, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 252)  
}
```

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(0, 193, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.807, 243.868 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(0, 193, 252) }
```

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

```
.border{ border-color:rgb(0, 193, 252) }
```

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

Here you see how a box with a 4 pixel rgb(0, 193, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.807, 243.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 252) }
```

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

```
.background{ background-color: rgb(0, 193,  
252) }
```

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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