

Converting Colors

CIELCh(74, 40.237, 224.612)

Have a look what the booklet for
CIELCh(74, 40.237, 224.612)
contains.

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Color

CIELCh(74, 40.281, 224.599)

Conversions

Conversions Part 1

Format	Color
Hex	11C7E9
RGB	17, 199, 233
RGB Percent	7%, 78%, 91%
CMY	0.9340, 0.2207, 0.0874
CMYK	0.93, 0.15, 0.00, 0.09
HSL	189°, 87%, 49%
HSV	189°, 93%, 91%
XYZ	35.2547, 46.7039, 84.0352
YIQ	148.4580, -119.3860, -28.0100

Conversions

Conversions Part 2

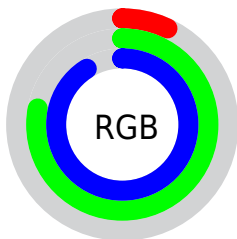
Format	Color
R_{YB}	17, 116, 233
Decimal	1165289
CIE Lab	74.00, -28.68, -28.28
CIE LCh	74, 40.281, 224.599
Yxy	46.7039, 0.2124, 0.2814
Android (android.graphics.Color)	4279355369 (0xFF11C7E9)
YUV	148.4580, 41.6792, -115.2887
Hunter-Lab	68.3403, -27.5128, -25.0682

Details

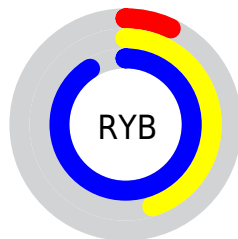
The CIELCh color **74, 40.281, 224.599** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **51, 89.566, 41.691**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.818, 196.983**, and **56, 33.171, 231.244** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.632, 226.777**, and if you desaturate by 10%, it is **75, 39.297, 221.979**.

Distribution



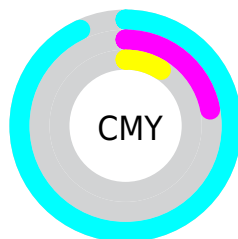
- Red (7%)
- Green (78%)
- Blue (91%)



- Red (7%)
- Yellow (45%)
- Blue (91%)



- Cyan (93%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)




- Cyan (93%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.281, 224.599 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 74, 40.281, 224.599 by changing the saturation by 10% instead.

 74, 40.281,
224.599

 74, 40.281,
224.599

 100, 40.281,
224.599

 64, 40.281,
224.599


 94, 40.281,
224.599

 54, 40.281,
224.599

 44, 40.281,
224.599

 34, 40.281,
224.599

 24, 40.281,
224.599

 14, 40.281,
224.599

 4, 40.281, 224.599

■ 0, 40.281, 224.599

■ 74, 40.281,
224.599

■ 74, 40.281,
224.599

■ 73, 40.632,
226.777

■ 75, 39.297,
221.979

■ 77, 37.482,
219.885

■ 78, 34.751,
218.259

■ 80, 31.103,
217.030

■ 82, 26.593,
216.130

■ 84, 21.314,
215.500

■ 87, 15.376,
215.089

■ 89, 8.895, 214.865

■ 92, 1.980, 214.987

Harmonies

Complementary

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



74, 40.281, 224.599



51, 89.566, 41.691

Rectangle

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



74, 40.281, 224.599



74, 40.281, 274.599



74, 40.281, 44.599



74, 40.281, 94.599

Sweetspot

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



74, 40.280, 224.599



93, 19.974, 215.285



81, 104.751, 138.313



48, 13.557, 215.485



0, 0.000, 0.000



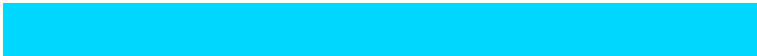
53, 0.007, 296.813

Same Dimension

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



74, 40.280, 224.599



79, 43.540, 226.950



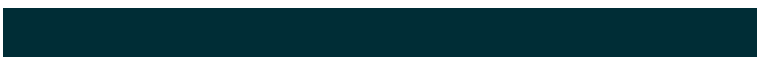
44, 83.201, 293.595



48, 4.019, 214.836



58, 33.674, 226.223



16, 14.494, 221.284

Inverse Universe

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



54, 94.625, 335.216



58, 101.949, 335.850



71, 74.936, 75.475



46, 7.586, 329.631



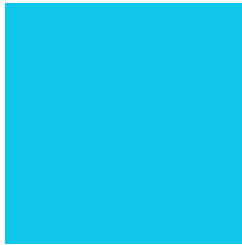
41, 79.036, 335.663



9, 34.449, 334.413

Previews

White Background



This preview shows how the CIELCh color 74, 40.281, 224.599 looks on a white background.

Color Contrast Check

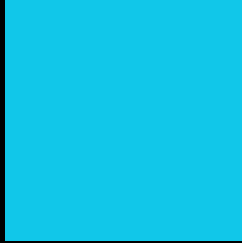
Large Text (above 18pt) WCAG AA × Fail

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 74, 40.281, 224.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

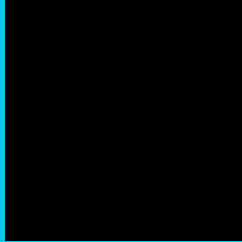
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.281, 224.599

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.281, 224.599.

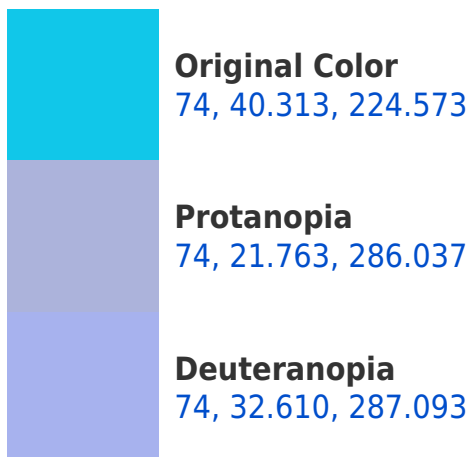


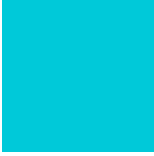
This preview shows how white text looks on a background with the CIELCh color 74, 40.281, 224.599.

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
74, 40.412, 209.203

Trichromacy



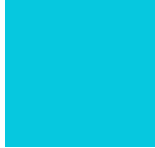
Original Color
74, 40.313, 224.573



Protanomaly
72, 28.448, 245.343



Deuteranomaly
73, 33.300, 253.753



Tritanomaly
74, 40.054, 215.161

Monochromacy



Original Color
74, 40.313, 224.573



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 22.013, 217.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.281, 224.599 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(17, 199, 233)` looks like.

```
.text, #text, p{  
    color:rgb(17, 199, 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(17, 199, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 199, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.281, 224.599 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(17, 199, 233) }
```

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

```
.border{ border-color:rgb(17, 199, 233) }
```

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

Here you see how a box with a 4 pixel rgb(17, 199, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 199, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 199, 233);  
box-shadow:4px 4px 4px 4px rgb(17, 199,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.281, 224.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 199, 233) }
```

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

```
.background{ background-color: rgb(17, 199,  
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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