

Converting Colors

CIELCh(74, 39.115, 223.465)

Have a look what the booklet for
CIELCh(74, 39.115, 223.465)
contains.

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Color

CIELCh(74, 39.075, 223.761)

Conversions

Conversions Part 1

Format	Color
Hex	25C6E6
RGB	37, 198, 230
RGB Percent	15%, 78%, 90%
CMY	0.8550, 0.2219, 0.0964
CMYK	0.84, 0.14, 0.00, 0.10
HSL	190°, 80%, 52%
HSV	190°, 84%, 90%
XYZ	35.3904, 46.7039, 82.3201
YIQ	153.5090, -106.2280, -24.1800

Conversions

Conversions Part 2

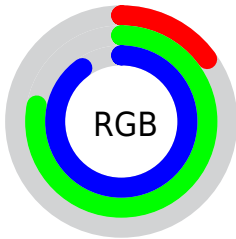
Format	Color
R_{YB}	37, 125, 230
Decimal	2475750
CIE _{Lab}	74.00, -28.22, -27.03
CIE _{LCh}	74, 39.075, 223.761
Yxy	46.7039, 0.2153, 0.2841
Android (android.graphics.Color)	4280665830 (0xFF25C6E6)
YUV	153.5090, 37.7101, -102.1784
Hunter-Lab	68.3403, -27.1583, -23.5803

Details

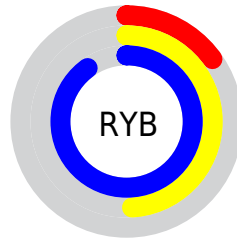
The CIELCh color **74, 39.075, 223.761** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **53, 80.493, 41.109**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.681, 197.050**, and **55, 32.706, 229.370** is the 20% darker color. If you saturate the color by 10%, you get **73, 40.011, 226.598**, and if you desaturate by 10%, it is **75, 37.343, 221.477**.

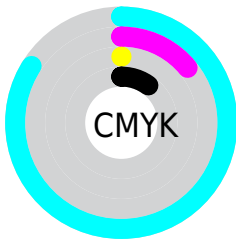
Distribution



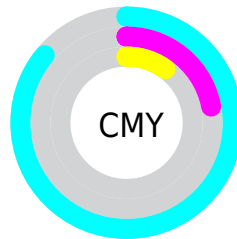
- Red (15%)
- Green (78%)
- Blue (90%)



- Red (15%)
- Yellow (49%)
- Blue (90%)



- Cyan (84%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)





- Cyan (86%)
- Magenta (22%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 39.075, 223.761 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, 39.075, 223.761 by changing the saturation by 10% instead.


 74, 39.075,
223.761

 74, 39.075,
223.761


 100, 39.075,
223.761


 64, 39.075,
223.761


 94, 39.075,
223.761

 54, 39.075,
223.761

 44, 39.075,
223.761

 34, 39.075,
223.761

 24, 39.075,
223.761

 14, 39.075,
223.761

 4, 39.075, 223.761

0, 39.075, 223.761

74, 39.075,
223.761

74, 39.075,
223.761

73, 40.011,
226.598

75, 37.343,
221.477

72, 40.332,
228.529

77, 34.724,
219.692

79, 31.205,
218.331

81, 26.833,
217.322

83, 21.696,
216.601

85, 15.900,
216.114

■ 88, 9.558, 215.823

■ 90, 2.779, 215.806

■ 93, 4.339, 35.381

Harmonies

Complementary

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



74, 39.075, 223.761



53, 80.493, 41.109

Rectangle

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



74, 39.075, 223.761



74, 39.075, 273.761



74, 39.075, 43.761



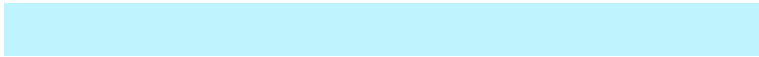
74, 39.075, 93.761

Sweetspot

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



74, 39.074, 223.761



93, 17.942, 216.161



81, 98.514, 139.595



49, 12.084, 216.318



0, 0.000, 0.000



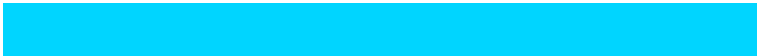
53, 0.007, 296.813

Same Dimension

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



74, 39.074, 223.761



79, 43.548, 228.733



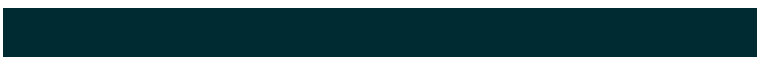
47, 73.985, 290.257



47, 3.926, 215.759



57, 33.315, 227.928



15, 14.030, 222.433

Inverse Universe

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



54, 91.156, 334.924



58, 101.315, 336.313



72, 70.282, 77.473



45, 7.408, 329.898



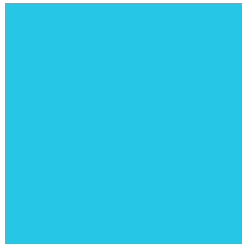
41, 77.741, 336.103



8, 33.265, 334.700

Previews

White Background



This preview shows how the CIE LCh color 74, 39.075, 223.761 looks on a white background.

Color Contrast Check

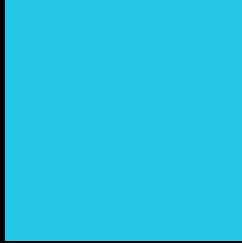
Large Text (above 18pt) WCAG AA × Fail

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, 39.075, 223.761 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, 39.075, 223.761

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.075, 223.761.

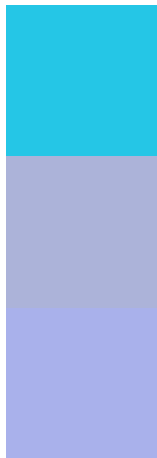


This preview shows how white text looks on a background with the CIELCh color 74, 39.075, 223.761.

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



Original Color

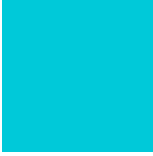
74, 39.011, 223.812

Protanopia

74, 20.689, 285.582

Deuteranopia

73, 31.505, 288.472



Tritanopia
74, 40.412, 209.203

Trichromacy



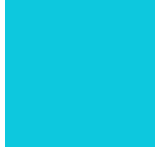
Original Color
74, 39.011, 223.812



Protanomaly
73, 26.612, 246.157



Deuteranomaly
73, 31.229, 255.850



Tritanomaly
74, 39.856, 214.421

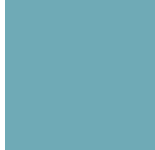
Monochromacy



Original Color
74, 39.011, 223.812



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 20.143, 217.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.075, 223.761 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(37, 198, 230)` looks like.

```
.text, #text, p{  
    color:rgb(37, 198, 230)  
}
```

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(37, 198, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 198, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.075, 223.761 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(37, 198, 230) }
```

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

```
.border{ border-color:rgb(37, 198, 230) }
```

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

Here you see how a box with a 4 pixel rgb(37, 198, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 198, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 198, 230);  
box-shadow:4px 4px 4px 4px rgb(37, 198,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.075, 223.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 198, 230) }
```

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

```
.background{ background-color: rgb(37, 198,  
230) }
```

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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