

Converting Colors

CIELCh(74, 39.428, 237.252)

Have a look what the booklet for
CIELCh(74, 39.428, 237.252)
contains.

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Color

CIELCh(74, 39.474, 237.152)

Conversions

Conversions Part 1

Format	Color
Hex	3AC4F2
RGB	58, 196, 242
RGB Percent	23%, 77%, 95%
CMY	0.7735, 0.2320, 0.0516
CMYK	0.76, 0.19, 0.00, 0.05
HSL	195°, 87%, 59%
HSV	195°, 76%, 95%
XYZ	37.4387, 46.7039, 90.9208
YIQ	159.9820, -97.0140, -14.9500

Conversions

Conversions Part 2

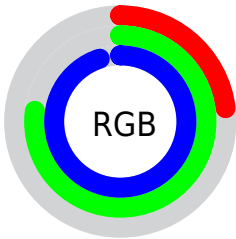
Format	Color
R _Y B	58, 137, 242
Decimal	3851506
CIE Lab	74.00, -21.41, -33.16
CIE LCh	74, 39.474, 237.152
Yxy	46.7039, 0.2139, 0.2668
Android (android.graphics.Color)	4282041586 (0xFF3AC4F2)
YUV	159.9820, 40.4349, -89.4382
Hunter-Lab	68.3403, -21.8082, -31.0420

Details

The CIELCh color **74, 39.474, 237.152** 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 **61, 71.839, 45.206**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 35.603, 198.911**, and **55, 35.600, 243.457** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.762, 240.868**, and if you desaturate by 10%, it is **76, 36.490, 234.123**.

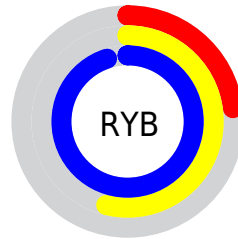
Distribution



Red (23%)

Green (77%)

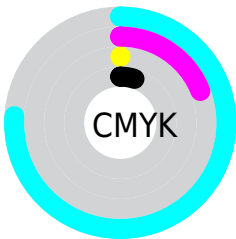
Blue (95%)



Red (23%)

Yellow (54%)

Blue (95%)

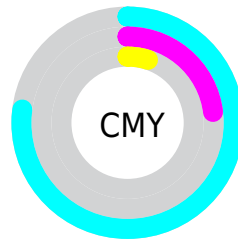


Cyan (76%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (77%)


Magenta (23%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 39.474, 237.152 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, 39.474, 237.152 by changing the saturation by 10% instead.


 74, 39.474,
237.152

 74, 39.474,
237.152


 100, 39.474,
237.152


 64, 39.474,
237.152


 94, 39.474,
237.152

 54, 39.474,
237.152

 44, 39.474,
237.152

 34, 39.474,
237.152

 24, 39.474,
237.152

 14, 39.474,
237.152

 4, 39.474, 237.152

0, 39.474, 237.152

74, 39.474,
237.152

74, 39.474,
237.152

72, 41.762,
240.868

76, 36.490,
234.123

70, 43.518,
245.280

79, 32.747,
231.709

69, 44.155,
247.088

81, 28.253,
229.816

84, 23.067,
228.352

87, 17.276,
227.235

90, 10.979,
226.400

■ 93, 4.271, 225.846

■ 97, 2.760, 45.008

■ 99, 4.568, 88.012

Harmonies

Complementary

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



74, 39.474, 237.152



61, 71.839, 45.206

Rectangle

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



74, 39.474, 237.152



74, 39.474, 287.152



74, 39.474, 57.152



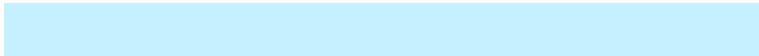
74, 39.474, 107.152

Sweetspot

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



74, 39.473, 237.152



92, 16.035, 226.952



85, 90.785, 143.153



48, 10.973, 227.290



0, 0.000, 0.000



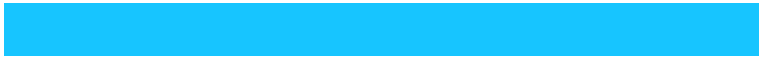
53, 0.007, 296.813

Same Dimension

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



74, 39.473, 237.152



74, 44.466, 243.054



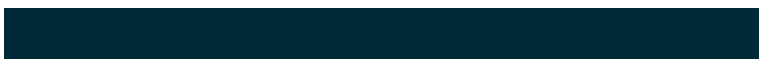
49, 78.577, 292.703



49, 3.908, 225.990



54, 35.737, 246.191



15, 15.120, 238.836

Inverse Universe

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



58, 85.774, 338.445



58, 94.759, 340.327



80, 70.188, 85.920



47, 7.231, 332.923



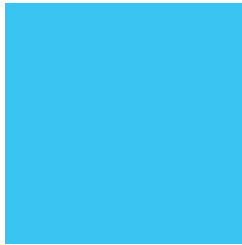
41, 74.594, 341.341



9, 33.382, 339.087

Previews

White Background



This preview shows how the CIE LCh color 74, 39.474, 237.152 looks on a white background.

Color Contrast Check

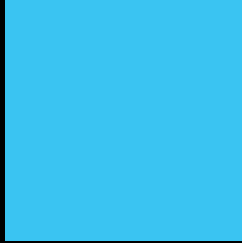
Large Text (above 18pt) WCAG AA × Fail

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, 39.474, 237.152 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, 39.474, 237.152

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.474, 237.152.

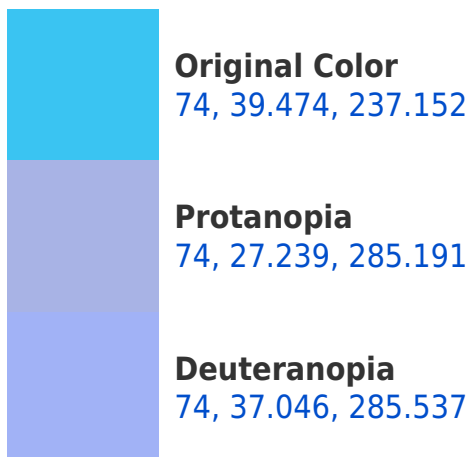


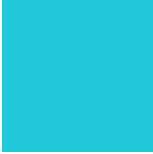
This preview shows how white text looks on a background with the CIELCh color 74, 39.474, 237.152.

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, 38.996, 210.603

Trichromacy



Original Color
74, 39.474, 237.152



Protanomaly
73, 30.737, 259.323



Deuteranomaly
73, 36.015, 264.454



Tritanomaly
74, 38.374, 220.619

Monochromacy



Original Color
74, 39.474, 237.152



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 18.601, 228.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.474, 237.152 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(58, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(58, 196, 242)  
}
```

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(58, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 196, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.474, 237.152 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(58, 196, 242) }
```

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

```
.border{ border-color:rgb(58, 196, 242) }
```

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

Here you see how a box with a 4 pixel rgb(58, 196, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(58, 196,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.474, 237.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 196, 242) }
```

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

```
.background{ background-color: rgb(58, 196,  
242) }
```

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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