

Converting Colors

CIELCh(74, 40.534, 260.313)

Have a look what the booklet for
CIELCh(74, 40.534, 260.313)
contains.

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Color

CIELCh(74, 40.768, 260.634)

Conversions

Conversions Part 1

Format	Color
Hex	69BDFF
RGB	105, 189, 255
RGB Percent	41%, 74%, 100%
CMY	0.5875, 0.2582, 0.0000
CMYK	0.59, 0.26, 0.00, 0.00
HSL	206°, 100%, 71%
HSV	206°, 59%, 100%
XYZ	42.1518, 46.7039, 101.5368
YIQ	171.4080, -71.2500, 2.7180

Conversions

Conversions Part 2

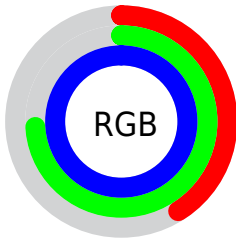
Format	Color
R _Y B	105, 159, 255
Decimal	6929919
CIE Lab	74.00, -6.63, -40.22
CIE LCh	74, 40.768, 260.634
Yxy	46.7039, 0.2214, 0.2453
Android (android.graphics.Color)	4285119999 (0xFF69BDFF)
YUV	171.4080, 41.2109, -58.2398
Hunter-Lab	68.3403, -9.4978, -40.2521

Details

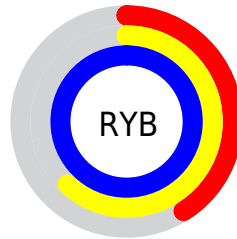
The CIELCh color **74, 40.768, 260.634** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 52.120, 62.061**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 24.999, 209.961**, and **54, 40.756, 260.565** is the 20% darker color. If you saturate the color by 10%, you get **70, 46.724, 264.153**, and if you desaturate by 10%, it is **78, 34.407, 257.501**.

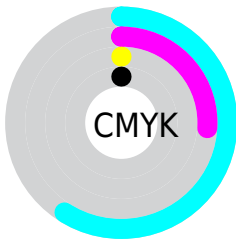
Distribution



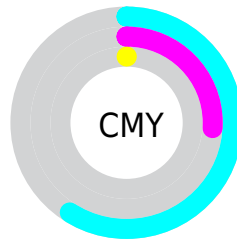
- Red (41%)
- Green (74%)
- Blue (100%)



- Red (41%)
- Yellow (62%)
- Blue (100%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)




- Cyan (59%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.768, 260.634 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, 40.768, 260.634 by changing the saturation by 10% instead.

 74, 40.768,
260.634

 74, 40.768,
260.634

 100, 40.768,
260.634


 64, 40.768,
260.634


 94, 40.768,
260.634

 54, 40.768,
260.634

 44, 40.768,
260.634

 34, 40.768,
260.634

 24, 40.768,
260.634

 14, 40.768,
260.634

 4, 40.768, 260.634

■ 0, 40.768, 260.634

■ 74, 40.768,
260.634

■ 74, 40.768,
260.634

■ 70, 46.724,
264.153

■ 78, 34.407,
257.501

■ 66, 52.560,
268.324

■ 82, 27.822,
254.964

■ 63, 58.344,
272.982

■ 87, 20.955,
252.865

■ 59, 64.250,
277.906

■ 91, 13.844,
251.137

■ 59, 65.011,
278.498

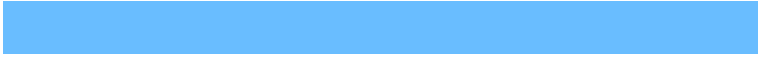
■ 96, 6.534, 249.734

100, 0.012,
296.813

Harmonies

Complementary

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



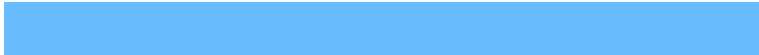
74, 40.768, 260.634



77, 52.120, 62.061

Rectangle

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



74, 40.768, 260.634



74, 40.768, 310.634



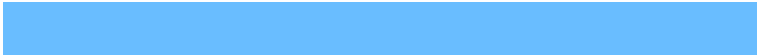
74, 40.768, 80.634



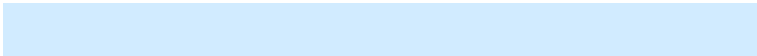
74, 40.768, 130.634

Sweetspot

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



74, 40.699, 260.548



92, 13.300, 251.020



91, 65.324, 153.745



48, 9.210, 251.481



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, 40.699, 260.548



69, 48.048, 265.042



55, 79.748, 297.114



51, 4.241, 249.827



45, 51.548, 277.587



13, 21.296, 270.598

Inverse Universe

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



66, 67.090, 346.771



61, 77.008, 348.949



95, 68.152, 101.340



50, 6.651, 341.245



41, 69.281, 356.479



11, 32.567, 351.836

Previews

White Background



This preview shows how the CIE LCh color 74, 40.768, 260.634 looks on a white background.

Color Contrast Check

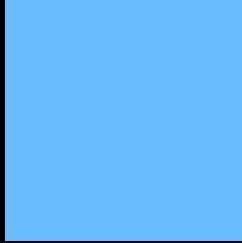
Large Text (above 18pt) WCAG AA × Fail

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, 40.768, 260.634 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

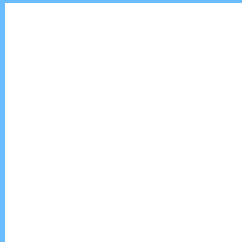
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.768, 260.634

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.768, 260.634.



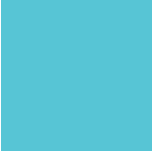
This preview shows how white text looks on a background with the CIELCh color 74, 40.768, 260.634.

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, 31.846, 213.217

Trichromacy



Original Color
74, 40.768, 260.634

Protanomaly
74, 38.168, 275.374

Deuteranomaly
74, 40.542, 274.561

Tritanomaly
74, 32.289, 232.874

Monochromacy



Original Color
74, 40.768, 260.634

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 16.240, 253.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.768, 260.634 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(105, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 189, 255)  
}
```

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(105, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 189, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.768, 260.634 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(105, 189, 255) }
```

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

```
.border{ border-color:rgb(105, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 189,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.768, 260.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 189, 255) }
```

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

```
.background{ background-color: rgb(105,  
189, 255) }
```

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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