

Converting Colors

CIELCh(74, 40.816, 272.950)

Have a look what the booklet for
CIELCh(74, 40.816, 272.950)
contains.

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Color

CIELCh(74, 40.307, 272.804)

Conversions

Conversions Part 1

Format	Color
Hex	85B8FF
RGB	133, 184, 255
RGB Percent	52%, 72%, 100%
CMY	0.4768, 0.2769, 0.0000
CMYK	0.48, 0.28, 0.00, 0.00
HSL	215°, 100%, 76%
HSV	215°, 48%, 100%
XYZ	45.0710, 46.7039, 101.5901
YIQ	176.8450, -53.1870, 11.2690

Conversions

Conversions Part 2

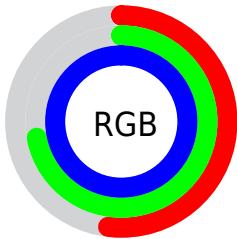
Format	Color
RYB	133, 169, 255
Decimal	8763647
CIELab	74.00, 1.97, -40.26
CIElCh	74, 40.307, 272.804
Yxy	46.7039, 0.2331, 0.2415
Android (android.graphics.Color)	4286953727 (0xFF85B8FF)
YUV	176.8450, 38.5304, -38.4521
Hunter-Lab	68.3403, -1.8731, -40.2984

Details

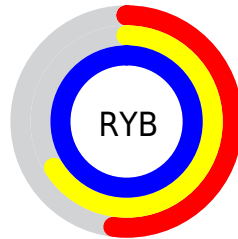
The CIELCh color `74, 40.307, 272.804` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `85, 42.967, 77.192`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 17.450, 225.073`, and `54, 40.480, 273.037` is the 20% darker color. If you saturate the color by 10%, you get `69, 48.592, 275.582`, and if you desaturate by 10%, it is `79, 31.664, 270.143`.

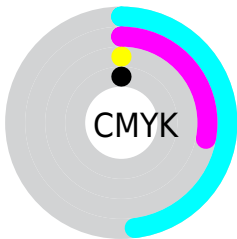
Distribution



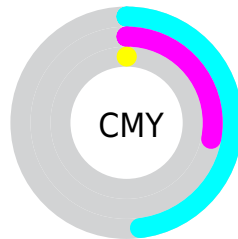
- Red (52%)
- Green (72%)
- Blue (100%)



- Red (52%)
- Yellow (66%)
- Blue (100%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (48%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.307, 272.804 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, 40.307, 272.804 by changing the saturation by 10% instead.

 74, 40.307,
272.804

 74, 40.307,
272.804


 100, 40.307,
272.804


 64, 40.307,
272.804


 94, 40.307,
272.804

 54, 40.307,
272.804

 44, 40.307,
272.804

 34, 40.307,
272.804

 24, 40.307,
272.804

 14, 40.307,
272.804

 4, 40.307, 272.804

■ 0, 40.307, 272.804

■ 74, 40.307,
272.804

■ 74, 40.307,
272.804

■ 69, 48.592,
275.582

■ 79, 31.664,
270.143

■ 64, 57.164,
278.954

■ 85, 23.236,
268.014

■ 59, 65.894,
282.732

■ 90, 14.823,
266.215

■ 54, 74.848,
286.805

■ 96, 6.433, 264.710

■ 50, 84.029,
290.960

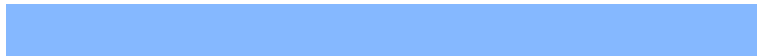
100, 0.012,
296.813

■ 49, 86.186,
291.869

Harmonies

Complementary

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



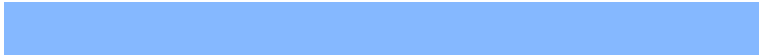
74, 40.307, 272.804



85, 42.967, 77.192

Rectangle

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



74, 40.307, 272.804



74, 40.307, 322.804



74, 40.307, 92.804



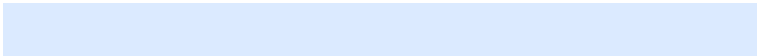
74, 40.307, 142.804

Sweetspot

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



74, 40.108, 272.651



92, 11.729, 265.626



92, 48.388, 162.252



48, 8.100, 265.966



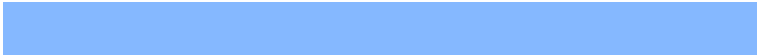
0, 0.000, 0.000



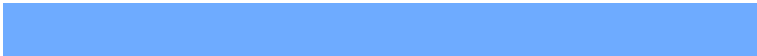
53, 0.007, 296.813

Same Dimension

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



74, 40.108, 272.651



69, 48.010, 275.368



61, 68.206, 298.847



50, 4.761, 264.961



37, 68.150, 291.127



10, 27.419, 285.245

Inverse Universe

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



71, 51.981, 353.927



66, 61.279, 355.685



97, 59.876, 108.716



50, 6.059, 349.056



41, 68.132, 9.937



10, 31.350, 3.161

Previews

White Background



This preview shows how the CIE LCh color 74, 40.307, 272.804 looks on a white background.

Color Contrast Check

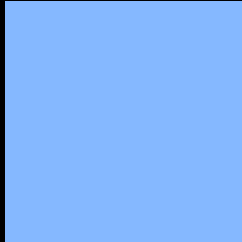
Large Text (above 18pt) WCAG AA × Fail

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, 40.307, 272.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

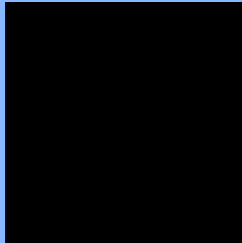
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

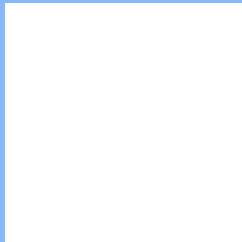
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.307, 272.804

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.307, 272.804.



This preview shows how white text looks on a background with the CIELCh color 74, 40.307, 272.804.

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, 24.270, 218.927

Trichromacy



Original Color
74, 40.307, 272.804

Protanomaly
74, 39.116, 280.211

Deuteranomaly
74, 40.820, 279.869

Tritanomaly
74, 27.098, 244.777

Monochromacy



Original Color
74, 40.307, 272.804

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 14.876, 265.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.307, 272.804 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(133, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 184, 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(133, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 184, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.307, 272.804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

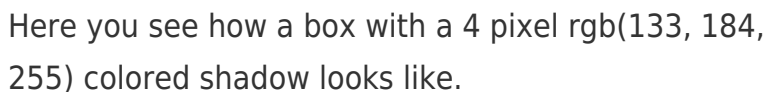
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 184, 255) }
```

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

```
.border{ border-color:rgb(133, 184, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 184,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.307, 272.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 184, 255) }
```

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

```
.background{ background-color: rgb(133,  
184, 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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