

Converting Colors

CIELCh(74, 40.318, 270.625)

Have a look what the booklet for
CIELCh(74, 40.318, 270.625)
contains.

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Color

CIELCh(74, 40.180, 270.725)

Conversions

Conversions Part 1

Format	Color
Hex	81B9FF
RGB	129, 185, 255
RGB Percent	51%, 73%, 100%
CMY	0.4932, 0.2737, 0.0000
CMYK	0.49, 0.27, 0.00, 0.00
HSL	213°, 100%, 75%
HSV	213°, 49%, 100%
XYZ	44.5655, 46.7039, 101.4624
YIQ	176.2360, -55.8460, 9.8980

Conversions

Conversions Part 2

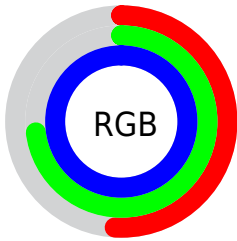
Format	Color
RYB	129, 168, 255
Decimal	8501759
CIELab	74.00, 0.51, -40.18
CIELCh	74, 40.180, 270.725
Yxy	46.7039, 0.2312, 0.2423
Android (android.graphics.Color)	4286691839 (0xFF81B9FF)
YUV	176.2360, 38.8307, -41.4260
Hunter-Lab	68.3403, -3.1937, -40.1875

Details

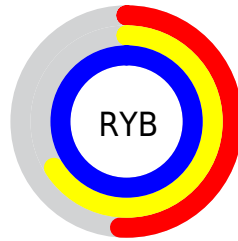
The CIELCh color $74, 40.180, 270.725$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $84, 44.002, 74.521$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 18.630, 221.426$, and $54, 40.308, 270.930$ is the 20% darker color. If you saturate the color by 10%, you get $69, 48.126, 273.677$, and if you desaturate by 10%, it is $79, 32.004, 268.034$.

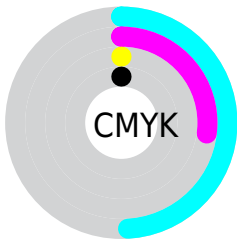
Distribution



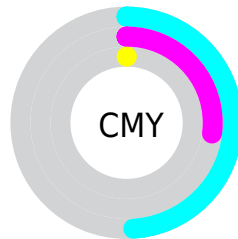
- Red (51%)
- Green (73%)
- Blue (100%)



- Red (51%)
- Yellow (66%)
- Blue (100%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.180, 270.725 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, 40.180, 270.725 by changing the saturation by 10% instead.

 74, 40.180,
270.725

 74, 40.180,
270.725


 100, 40.180,
270.725

 64, 40.180,
270.725


 94, 40.180,
270.725

 54, 40.180,
270.725

 44, 40.180,
270.725

 34, 40.180,
270.725

 24, 40.180,
270.725

 14, 40.180,
270.725

 4, 40.180, 270.725

■ 0, 40.180, 270.725

■ 74, 40.180,
270.725

■ 74, 40.180,
270.725

■ 69, 48.126,
273.677

■ 79, 32.004,
268.034

■ 64, 56.220,
277.181

■ 84, 23.903,
265.833

■ 59, 64.430,
281.105

■ 90, 15.768,
263.978

■ 55, 72.842,
285.331

■ 95, 7.613, 262.426

■ 51, 81.496,
289.607

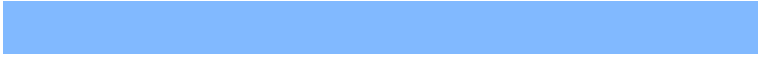
100, 0.012,
296.813

■ 51, 82.093,
289.879

Harmonies

Complementary

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



74, 40.180, 270.725



84, 44.002, 74.521

Rectangle

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



74, 40.180, 270.725



74, 40.180, 320.725



74, 40.180, 90.725



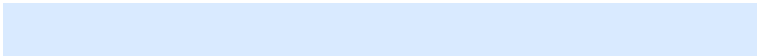
74, 40.180, 140.725

Sweetspot

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



74, 40.072, 270.634



92, 12.244, 263.271



92, 50.597, 161.078



48, 8.352, 263.609



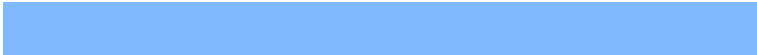
0, 0.000, 0.000



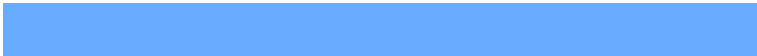
53, 0.007, 296.813

Same Dimension

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



74, 40.072, 270.634



69, 47.866, 273.572



60, 70.784, 298.704



50, 4.643, 262.451



38, 64.926, 289.106



11, 26.194, 283.003

Inverse Universe

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



70, 54.289, 352.491



65, 63.757, 354.299



97, 61.719, 107.811



50, 6.158, 347.513



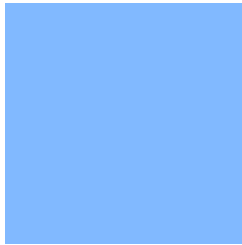
41, 68.005, 7.413



10, 31.462, 0.991

Previews

White Background



This preview shows how the CIE LCh color 74, 40.180, 270.725 looks on a white background.

Color Contrast Check

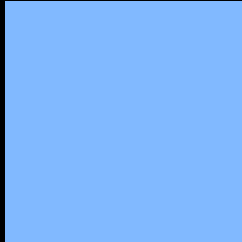
Large Text (above 18pt) WCAG AA × Fail

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, 40.180, 270.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

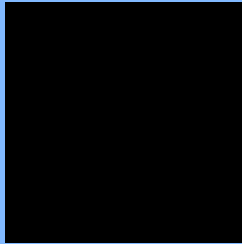
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

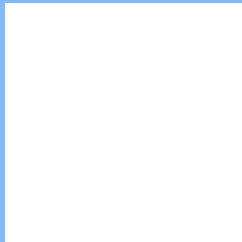
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.180, 270.725

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.180, 270.725.



This preview shows how white text looks on a background with the CIELCh color 74, 40.180, 270.725.

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, 25.353, 216.573

Trichromacy



Original Color
74, 40.180, 270.725

Protanomaly
74, 39.170, 279.819

Deuteranomaly
74, 40.929, 279.140

Tritanomaly
74, 27.652, 241.893

Monochromacy



Original Color
74, 40.180, 270.725

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 15.503, 265.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.180, 270.725 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(129, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(129, 185, 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(129, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 185, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.180, 270.725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

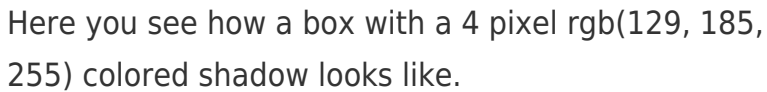
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 185, 255) }
```

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

```
.border{ border-color:rgb(129, 185, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 185, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 185, 255); box-shadow:4px 4px 4px 4px rgb(129, 185, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.180, 270.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 185, 255) }
```

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

```
.background{ background-color: rgb(129,  
185, 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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