

Converting Colors

CIELCh(74, 40.151, 287.815)

Have a look what the booklet for
CIELCh(74, 40.151, 287.815)
contains.

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Color

CIELCh(74, 40.151, 287.815)

Conversions

Conversions Part 1

Format	Color
Hex	A4B2FC
RGB	164, 178, 252
RGB Percent	64%, 70%, 99%
CMY	0.3573, 0.3023, 0.0122
CMYK	0.35, 0.29, 0.00, 0.01
HSL	230°, 93%, 82%
HSV	230°, 35%, 99%
XYZ	48.7426, 46.7039, 98.4526
YIQ	182.2500, -32.0980, 20.0460

Conversions

Conversions Part 2

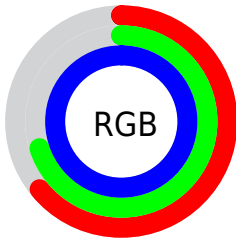
Format	Color
RYB	164, 176, 252
Decimal	10793724
CIELab	74.00, 12.28, -38.23
CIElCh	74, 40.151, 287.815
Yxy	46.7039, 0.2514, 0.2409
Android (android.graphics.Color)	4288983804 (0xFFA4B2FC)
YUV	182.2500, 34.3867, -16.0053
Hunter-Lab	68.3403, 7.7167, -37.5763

Details

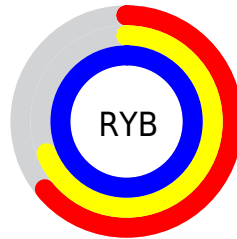
The CIELCh color `74, 40.151, 287.815` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `94, 38.012, 98.764`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 11.610, 268.882`, and `54, 39.848, 287.506` is the 20% darker color. If you saturate the color by 10%, you get `67, 52.586, 289.850`, and if you desaturate by 10%, it is `81, 28.164, 286.071`.

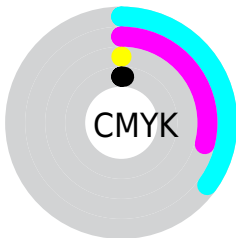
Distribution



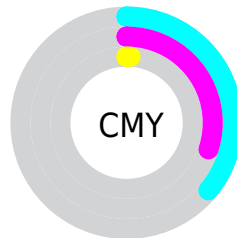
- Red (64%)
- Green (70%)
- Blue (99%)



- Red (64%)
- Yellow (69%)
- Blue (99%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)





- Cyan (36%)
- Magenta (30%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.151, 287.815 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, 40.151, 287.815 by changing the saturation by 10% instead.


 74, 40.151,
287.815


 74, 40.151,
287.815


 100, 40.151,
287.815


 64, 40.151,
287.815


 94, 40.151,
287.815


 54, 40.151,
287.815

 44, 40.151,
287.815

 34, 40.151,
287.815

 24, 40.151,
287.815

 14, 40.151,
287.815

 4, 40.151, 287.815

■ 0, 40.151, 287.815

■ 74, 40.151,
287.815

■ 74, 40.151,
287.815

■ 67, 52.586,
289.850

■ 81, 28.164,
286.071

■ 60, 65.498,
292.193

■ 88, 16.593,
284.587

■ 53, 78.849,
294.822

■ 95, 5.401, 283.337

■ 47, 92.436,
297.645

■ 100, 1.564,
110.012

■ 41, 105.690,
300.469

■ 37, 117.489,
303.005

■ 35,122.457,
304.053

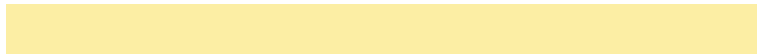
Harmonies

Complementary

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



74, 40.151, 287.815



94, 38.012, 98.764

Rectangle

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



74, 40.151, 287.815



74, 40.151, 337.815



74, 40.151, 107.815



74, 40.151, 157.815

Sweetspot

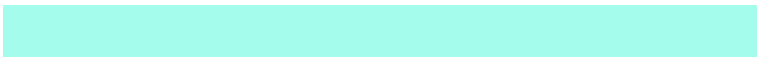
The Sweet Spot groups the original color and five complimentary colors.



74, 40.150, 287.815



93, 11.137, 283.941



93, 29.598, 182.643



48, 7.614, 284.120



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, 40.150, 287.815



70, 49.380, 289.227



73, 48.900, 305.368



48, 6.223, 283.877



26, 97.303, 303.679



5, 37.308, 297.858

Inverse Universe

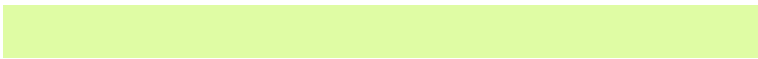
The Inverse Universe completely reimagines the original color for something new.



76, 34.881, 10.502



73, 42.955, 11.758



95, 45.630, 121.102



49, 5.271, 7.217



39, 76.203, 32.432



9, 31.193, 19.611

Previews

White Background



This preview shows how the CIELCh color 74, 40.151, 287.815 looks on a white background.

Color Contrast Check

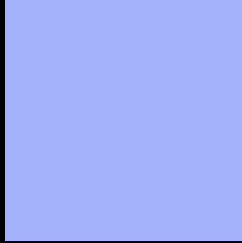
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 40.151, 287.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

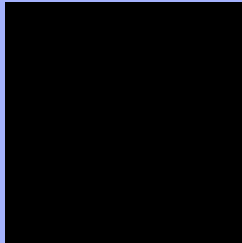
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.151, 287.815

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.151, 287.815.



This preview shows how white text looks on a background with the CIELCh color 74, 40.151, 287.815.

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, 40.151, 287.815

Protanopia

74, 40.283, 285.333

Deuteranopia

74, 39.755, 285.149



Tritanopia
74, 13.908, 234.620

Trichromacy



Original Color
74, 40.151, 287.815

Protanomaly
74, 40.219, 286.143

Deuteranomaly
74, 39.689, 285.972

Tritanomaly
74, 21.099, 267.267

Monochromacy



Original Color
74, 40.151, 287.815

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.192, 283.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.151, 287.815 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(164, 178, 252)` looks like.

```
.text, #text, p{  
    color:rgb(164, 178, 252)  
}
```

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(164, 178, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 178, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.151, 287.815 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(164, 178, 252) }
```

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

```
.border{ border-color:rgb(164, 178, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 178, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 178, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 178, 252);  
box-shadow:4px 4px 4px 4px rgb(164, 178,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.151, 287.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 178, 252) }
```

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

```
.background{ background-color: rgb(164,  
178, 252) }
```

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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