

Converting Colors

CIELCh(74, 41.741, 283.607)

Have a look what the booklet for
CIELCh(74, 41.741, 283.607)
contains.

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Color

CIELCh(74, 40.996, 283.147)

Conversions

Conversions Part 1

Format	Color
Hex	9AB4FF
RGB	154, 180, 255
RGB Percent	60%, 71%, 100%
CMY	0.3963, 0.2943, 0.0002
CMYK	0.40, 0.29, 0.00, 0.00
HSL	225°, 100%, 80%
HSV	225°, 40%, 100%
XYZ	47.6693, 46.7039, 101.0651
YIQ	180.7760, -39.5710, 17.8130

Conversions

Conversions Part 2

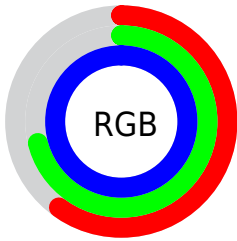
Format	Color
R _Y B	154, 175, 255
Decimal	10138879
CIE Lab	74.00, 9.32, -39.92
CIE LCh	74, 40.996, 283.147
Yxy	46.7039, 0.2439, 0.2390
Android (android.graphics.Color)	4288328959 (0xFF9AB4FF)
YUV	180.7760, 36.5924, -23.4826
Hunter-Lab	68.3403, 4.9133, -39.8429

Details

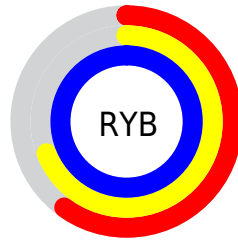
The CIELCh color `74, 40.996, 283.147` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `92, 39.825, 91.752`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 12.697, 249.976`, and `54, 40.765, 282.748` is the 20% darker color. If you saturate the color by 10%, you get `68, 52.068, 285.487`, and if you desaturate by 10%, it is `81, 30.244, 281.138`.

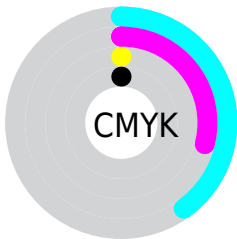
Distribution



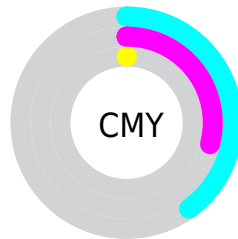
- Red (60%)
- Green (71%)
- Blue (100%)



- Red (60%)
- Yellow (69%)
- Blue (100%)



- Cyan (40%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.996, 283.147 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, 40.996, 283.147 by changing the saturation by 10% instead.


 74, 40.996,
283.147

 74, 40.996,
283.147


 100, 40.996,
283.147


 64, 40.996,
283.147


 94, 40.996,
283.147

 54, 40.996,
283.147

 44, 40.996,
283.147

 34, 40.996,
283.147

 24, 40.996,
283.147

 14, 40.996,
283.147

 4, 40.996, 283.147

■ 0, 40.996, 283.147

■ 74, 40.996,
283.147

■ 74, 40.996,
283.147

■ 68, 52.068,
285.487

■ 81, 30.244,
281.138

■ 61, 63.500,
288.175

■ 87, 19.783,
279.423

■ 55, 75.303,
291.190

■ 94, 9.584, 277.966

■ 49, 87.394,
294.439

100, 0.015,
105.022

■ 44, 99.471,
297.738

■ 40, 110.890,
300.793

■ 40,111.308,
300.898

Harmonies

Complementary

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



74, 40.996, 283.147



92, 39.825, 91.752

Rectangle

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



74, 40.996, 283.147



74, 40.996, 333.147



74, 40.996, 103.147



74, 40.996, 153.147

Sweetspot

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



74, 40.995, 283.147



92, 11.997, 278.291



93, 35.760, 174.237



48, 7.969, 278.475



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, 40.995, 283.147



69, 50.266, 285.086



69, 56.026, 302.599



50, 5.668, 277.951



29, 88.191, 300.373



7, 35.331, 295.582

Inverse Universe

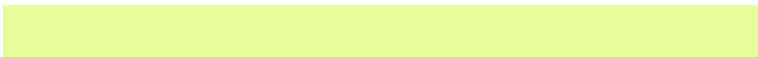
The Inverse Universe completely reimagines the original color for something new.



75, 40.885, 3.921



70, 49.839, 5.540



96, 51.133, 116.703



50, 5.554, 359.831



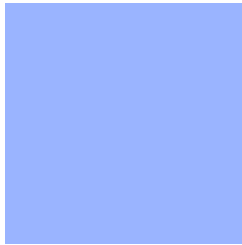
40, 72.309, 24.996



10, 31.661, 15.540

Previews

White Background



This preview shows how the CIE LCh color 74, 40.996, 283.147 looks on a white background.

Color Contrast Check

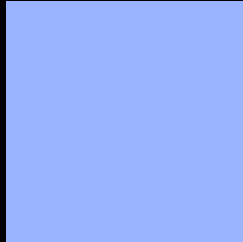
Large Text (above 18pt) WCAG AA × Fail

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, 40.996, 283.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

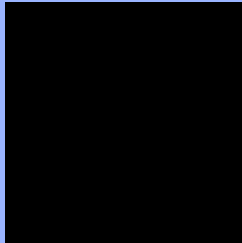
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.996, 283.147

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.996, 283.147.



This preview shows how white text looks on a background with the CIELCh color 74, 40.996, 283.147.

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

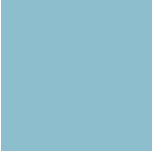
74, 40.996, 283.147

Protanopia

74, 40.844, 285.119

Deuteranopia

74, 40.915, 283.917



Tritanopia
74, 17.828, 225.604

Trichromacy



Original Color
74, 40.996, 283.147

Protanomaly
74, 40.879, 284.726

Deuteranomaly
74, 40.955, 283.530

Tritanomaly
74, 23.262, 258.887

Monochromacy



Original Color
74, 40.996, 283.147

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.948, 278.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.996, 283.147 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(154, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 180, 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(154, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 180, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.996, 283.147 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(154, 180, 255) }
```

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

```
.border{ border-color:rgb(154, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 180,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.996, 283.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 180, 255) }
```

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

```
.background{ background-color: rgb(154,  
180, 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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