

Converting Colors

CIELCh(76, 62.116, 289.651)

Have a look what the booklet for
CIELCh(76, 62.116, 289.651)
contains.

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Color

CIELCh(74, 40.915, 283.917)

Conversions

Conversions Part 1

Format	Color
Hex	9CB4FF
RGB	156, 180, 255
RGB Percent	61%, 71%, 100%
CMY	0.3898, 0.2956, 0.0017
CMYK	0.39, 0.29, 0.00, 0.00
HSL	225°, 99%, 80%
HSV	225°, 39%, 100%
XYZ	47.8553, 46.7039, 100.7429
YIQ	181.3740, -38.3790, 18.2370

Conversions

Conversions Part 2

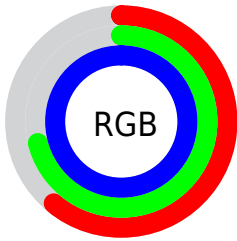
Format	Color
R_{YB}	156, 175, 255
Decimal	10269951
CIE _{Lab}	74.00, 9.84, -39.71
CIE _{LCh}	74, 40.915, 283.917
Yxy	46.7039, 0.2450, 0.2391
Android (android.graphics.Color)	4288460031 (0xFF9CB4FF)
YUV	181.3740, 36.2976, -22.2530
Hunter-Lab	68.3403, 5.3992, -39.5633

Details

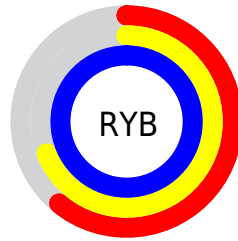
The CIELCh color `74, 40.915, 283.917` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `92, 39.543, 92.902`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 12.299, 252.322`, and `54, 41.245, 284.128` is the 20% darker color. If you saturate the color by 10%, you get `67, 52.201, 286.207`, and if you desaturate by 10%, it is `81, 29.970, 281.951`.

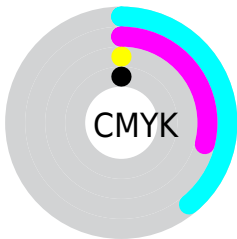
Distribution



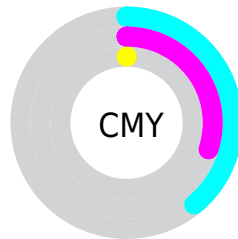
- Red (61%)
- Green (71%)
- Blue (100%)



- Red (61%)
- Yellow (69%)
- Blue (100%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (30%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.915, 283.917 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, 40.915, 283.917 by changing the saturation by 10% instead.


 74, 40.915,
283.917


 74, 40.915,
283.917


 100, 40.915,
283.917


 64, 40.915,
283.917


 94, 40.915,
283.917


 54, 40.915,
283.917

 44, 40.915,
283.917

 34, 40.915,
283.917

 24, 40.915,
283.917

 14, 40.915,
283.917

 4, 40.915, 283.917

■ 0, 40.915, 283.917

■ 74, 40.915,
283.917

■ 74, 40.915,
283.917

■ 67, 52.201,
286.207

■ 81, 29.970,
281.951

■ 61, 63.868,
288.839

■ 87, 19.335,
280.273

■ 55, 75.919,
291.791

■ 94, 8.983, 278.849

■ 49, 88.255,
294.972

100, 0.203,
109.782

■ 44, 100.538,
298.197

■ 39, 112.055,
301.181

■ 39,113.262,
301.475

Harmonies

Complementary

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



74, 40.915, 283.917



92, 39.543, 92.902

Rectangle

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



74, 40.915, 283.917



74, 40.915, 333.917



74, 40.915, 103.917



74, 40.915, 153.917

Sweetspot

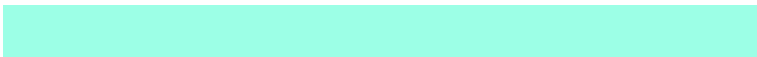
The Sweet Spot groups the original color and five complimentary colors.



74, 40.914, 283.917



92, 12.200, 279.267



93, 34.699, 175.571



48, 8.105, 279.449



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, 40.914, 283.917



69, 50.119, 285.751



70, 54.905, 303.045



50, 5.763, 278.930



29, 89.885, 300.975



7, 35.968, 296.175

Inverse Universe

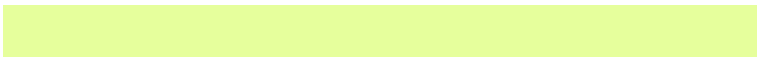
The Inverse Universe completely reimagines the original color for something new.



75, 39.917, 4.890



70, 48.673, 6.444



96, 50.294, 117.453



50, 5.519, 0.910



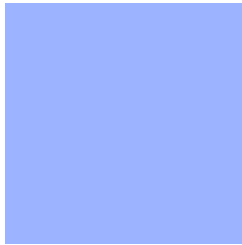
40, 72.947, 26.237



10, 31.740, 16.426

Previews

White Background



This preview shows how the CIELCh color 74, 40.915, 283.917 looks on a white background.

Color Contrast Check

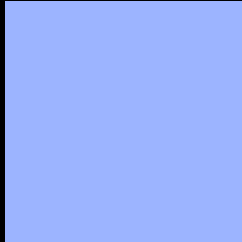
Large Text (above 18pt) WCAG AA × Fail

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, 40.915, 283.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

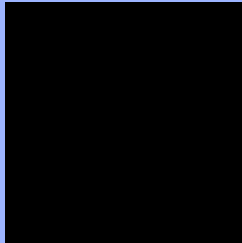
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

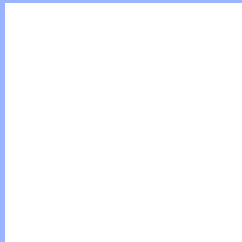
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.915, 283.917

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.915, 283.917.



This preview shows how white text looks on a background with the CIELCh color 74, 40.915, 283.917.

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

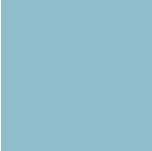
74, 40.915, 283.917

Protanopia

74, 40.811, 285.514

Deuteranopia

74, 40.915, 283.917



Tritanopia
74, 17.043, 227.048

Trichromacy



Original Color
74, 40.915, 283.917

Protanomaly
74, 40.844, 285.119

Deuteranomaly
74, 40.915, 283.917

Tritanomaly
74, 22.535, 259.314

Monochromacy



Original Color
74, 40.915, 283.917

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.369, 281.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.915, 283.917 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(156, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 180, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.915, 283.917 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(156, 180, 255) }
```

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

```
.border{ border-color:rgb(156, 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(156, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 180, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 180, 255); box-shadow:4px 4px 4px 4px rgb(156, 180, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.915, 283.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 180, 255) }
```

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

```
.background{ background-color: rgb(156,  
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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