

Converting Colors

CIELCh(74, 40.959, 284.399)

Have a look what the booklet for
CIELCh(74, 40.959, 284.399)
contains.

CIELCh(74, 41.406, 284.915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 41.406, 284.915)

Conversions

Conversions Part 1

Format	Color
Hex	9DB3FF
RGB	157, 179, 255
RGB Percent	62%, 70%, 100%
CMY	0.3838, 0.2975, 0.0000
CMYK	0.38, 0.30, 0.00, 0.00
HSL	227°, 100%, 81%
HSV	227°, 38%, 100%
XYZ	48.1507, 46.7039, 101.2042
YIQ	181.0860, -37.5080, 18.9720

Conversions

Conversions Part 2

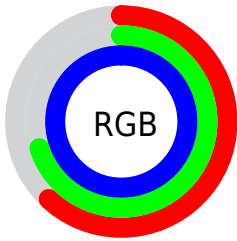
Format	Color
RYB	157, 175, 255
Decimal	10335231
CIELab	74.00, 10.66, -40.01
CIELCh	74, 41.406, 284.915
Yxy	46.7039, 0.2456, 0.2382
Android (android.graphics.Color)	4288525311 (0xFF9DB3FF)
YUV	181.0860, 36.4396, -21.1234
Hunter-Lab	68.3403, 6.1706, -39.9636

Details

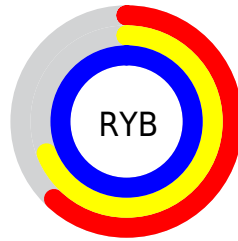
The CIELCh color `74, 41.406, 284.915` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `93, 39.702, 94.194`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 12.342, 256.342`, and `54, 41.207, 284.484` is the 20% darker color. If you saturate the color by 10%, you get `67, 52.920, 287.133`, and if you desaturate by 10%, it is `81, 30.111, 282.961`.

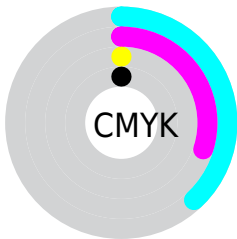
Distribution



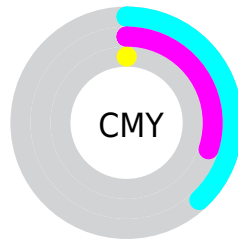
- Red (62%)
- Green (70%)
- Blue (100%)



- Red (62%)
- Yellow (69%)
- Blue (100%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (38%)
- Magenta (30%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.406, 284.915 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, 41.406, 284.915 by changing the saturation by 10% instead.


 74, 41.406,
284.915


 74, 41.406,
284.915


 100, 41.406,
284.915


 64, 41.406,
284.915


 94, 41.406,
284.915

 54, 41.406,
284.915

 44, 41.406,
284.915

 34, 41.406,
284.915

 24, 41.406,
284.915

 14, 41.406,
284.915

 4, 41.406, 284.915

■ 0, 41.406, 284.915

■ 74, 41.406,
284.915

■ 74, 41.406,
284.915

■ 67, 52.920,
287.133

■ 81, 30.111,
282.961

■ 61, 64.913,
289.712

■ 88, 19.228,
281.317

■ 54, 77.306,
292.602

■ 94, 8.651, 279.922

■ 48, 89.970,
295.709

100, 0.012,
296.813

■ 43, 102.507,
298.843

■ 39, 114.103,
301.721

■ 38,115.834,
302.126

Harmonies

Complementary

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



74, 41.406, 284.915



93, 39.702, 94.194

Rectangle

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



74, 41.406, 284.915



74, 41.406, 334.915



74, 41.406, 104.915



74, 41.406, 154.915

Sweetspot

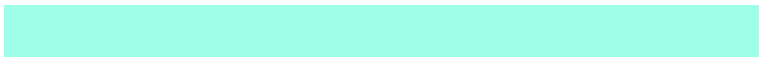
The Sweet Spot groups the original color and five complimentary colors.



74, 41.330, 284.888



92, 12.450, 280.400



94, 33.937, 176.905



48, 8.272, 280.580



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, 41.330, 284.888



69, 50.130, 286.569



71, 54.275, 303.523



50, 5.880, 280.067



28, 91.860, 301.650



6, 36.700, 296.821

Inverse Universe

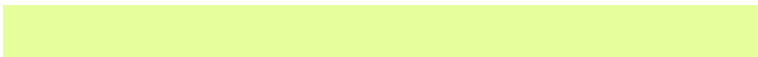
The Inverse Universe completely reimagines the original color for something new.



75, 39.288, 6.133



71, 47.499, 7.581



96, 49.868, 118.182



50, 5.479, 2.228



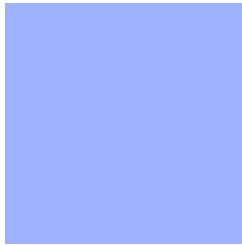
40, 73.758, 27.685



10, 31.840, 17.436

Previews

White Background



This preview shows how the CIELCh color 74, 41.406, 284.915 looks on a white background.

Color Contrast Check

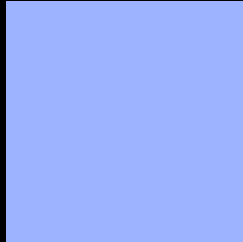
Large Text (above 18pt) WCAG AA × Fail

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, 41.406, 284.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

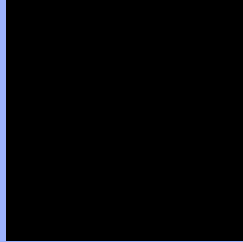
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 41.406, 284.915

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.406, 284.915.



This preview shows how white text looks on a background with the CIELCh color 74, 41.406, 284.915.

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, 41.406, 284.915

Protanopia

74, 41.372, 285.302

Deuteranopia

74, 40.915, 283.917



Tritanopia
74, 16.514, 228.086

Trichromacy



Original Color
74, 41.406, 284.915

Protanomaly
74, 41.372, 285.302

Deuteranomaly
74, 40.915, 283.917

Tritanomaly
74, 23.158, 262.290

Monochromacy



Original Color
74, 41.406, 284.915

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, 41.406, 284.915 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(157, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 179, 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(157, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 179, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.406, 284.915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

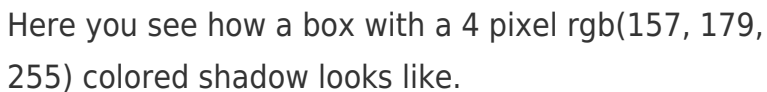
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 179, 255) }
```

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

```
.border{ border-color:rgb(157, 179, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 179, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 179, 255); box-shadow:4px 4px 4px 4px rgb(157, 179, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.406, 284.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 179, 255) }
```

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

```
.background{ background-color: rgb(157,  
179, 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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