

Converting Colors

CIELCh(74, 40.056, 280.332)

Have a look what the booklet for
CIELCh(74, 40.056, 280.332)
contains.

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Color

CIELCh(74, 40.200, 280.352)

Conversions

Conversions Part 1

Format	Color
Hex	95B5FE
RGB	149, 181, 254
RGB Percent	58%, 71%, 100%
CMY	0.4149, 0.2894, 0.0031
CMYK	0.41, 0.29, 0.00, 0.00
HSL	222°, 99%, 79%
HSV	222°, 41%, 100%
XYZ	46.9170, 46.7039, 100.4821
YIQ	179.7540, -42.5050, 15.9190

Conversions

Conversions Part 2

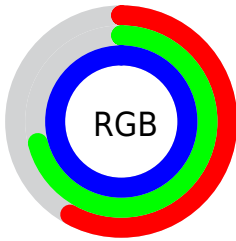
Format	Color
RYB	149, 174, 254
Decimal	9811454
CIELab	74.00, 7.22, -39.55
CIELCh	74, 40.200, 280.352
Yxy	46.7039, 0.2417, 0.2406
Android (android.graphics.Color)	4288001534 (0xFF95B5FE)
YUV	179.7540, 36.6033, -26.9713
Hunter-Lab	68.3403, 2.9484, -39.3371

Details

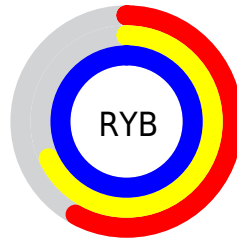
The CIELCh color `74, 40.200, 280.352` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `90, 39.862, 87.967`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 13.645, 242.136`, and `54, 40.446, 280.728` is the 20% darker color. If you saturate the color by 10%, you get `68, 50.493, 282.832`, and if you desaturate by 10%, it is `80, 30.151, 278.223`.

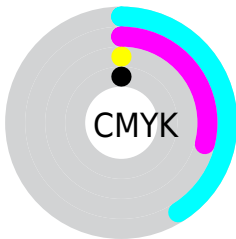
Distribution



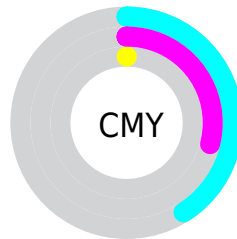
- Red (58%)
- Green (71%)
- Blue (100%)



- Red (58%)
- Yellow (68%)
- Blue (100%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.200, 280.352 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, 40.200, 280.352 by changing the saturation by 10% instead.


 74, 40.200,
280.352


 74, 40.200,
280.352


 100, 40.200,
280.352


 64, 40.200,
280.352


 94, 40.200,
280.352

 54, 40.200,
280.352

 44, 40.200,
280.352

 34, 40.200,
280.352

 24, 40.200,
280.352

 14, 40.200,
280.352

 4, 40.200, 280.352

■ 0, 40.200, 280.352

■ 74, 40.200,
280.352

■ 74, 40.200,
280.352

■ 68, 50.493,
282.832

■ 80, 30.151,
278.223

■ 62, 61.073,
285.682

■ 86, 20.318,
276.407

■ 56, 71.972,
288.882

■ 93, 10.681,
274.864

■ 51, 83.162,
292.342

■ 99, 1.231, 273.722

■ 46, 94.463,
295.884

100, 0.390,
109.950

■ 42, 104.052,
298.792

Harmonies

Complementary

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



74, 40.200, 280.352



90, 39.862, 87.967

Rectangle

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



74, 40.200, 280.352



74, 40.200, 330.352



74, 40.200, 100.352



74, 40.200, 150.352

Sweetspot

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



74, 40.199, 280.352



92, 11.373, 274.963



93, 38.494, 170.458



48, 7.553, 275.152



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, 40.199, 280.352



69, 49.258, 282.489



67, 58.330, 301.250



50, 5.377, 274.614



31, 82.545, 298.205



8, 33.131, 293.295

Inverse Universe

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



74, 43.124, 0.775



69, 52.389, 2.452



96, 52.731, 114.437



50, 5.679, 356.491



40, 70.526, 20.840



10, 31.442, 12.422

Previews

White Background



This preview shows how the CIELCh color 74, 40.200, 280.352 looks on a white background.

Color Contrast Check

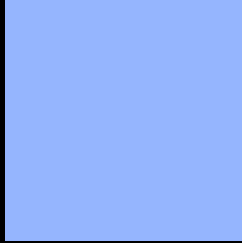
Large Text (above 18pt) WCAG AA × Fail

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, 40.200, 280.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

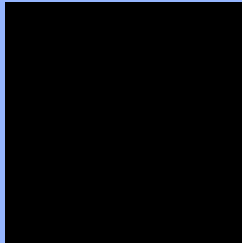
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

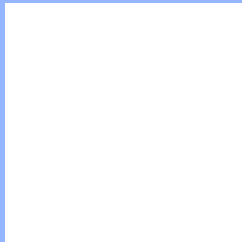
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.200, 280.352

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.200, 280.352.



This preview shows how white text looks on a background with the CIELCh color 74, 40.200, 280.352.

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

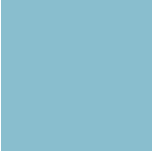
74, 40.200, 280.352

Protanopia

74, 39.755, 285.149

Deuteranopia

74, 41.442, 284.531



Tritanopia
74, 19.055, 225.495

Trichromacy



Original Color
74, 40.200, 280.352

Protanomaly
74, 39.908, 283.103

Deuteranomaly
74, 40.996, 283.147

Tritanomaly
74, 24.158, 255.296

Monochromacy



Original Color
74, 40.200, 280.352

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.036, 276.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.200, 280.352 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(149, 181, 254)` looks like.

```
.text, #text, p{  
    color:rgb(149, 181, 254)  
}
```

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(149, 181, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 181, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.200, 280.352 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(149, 181, 254) }
```

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

```
.border{ border-color:rgb(149, 181, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 181, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 181, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 181, 254);  
box-shadow:4px 4px 4px 4px rgb(149, 181,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.200, 280.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 181, 254) }
```

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

```
.background{ background-color: rgb(149,  
181, 254) }
```

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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