

Converting Colors

CIELCh(70, 39.090, 285.507)

Have a look what the booklet for
CIELCh(70, 39.090, 285.507)
contains.

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Color

CIELCh(70, 39.090, 285.507)

Conversions

Conversions Part 1

Format	Color
Hex	95A8EF
RGB	149, 168, 239
RGB Percent	58%, 66%, 94%
CMY	0.4147, 0.3403, 0.0618
CMYK	0.38, 0.30, 0.00, 0.06
HSL	227°, 74%, 76%
HSV	227°, 38%, 94%
XYZ	42.1002, 40.7494, 87.5002
YIQ	170.4130, -34.1150, 18.0530

Conversions

Conversions Part 2

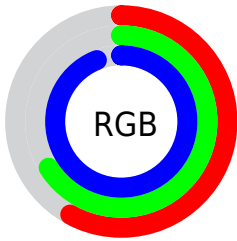
Format	Color
RYB	149, 165, 239
Decimal	9808111
CIELab	70.00, 10.45, -37.67
CIElCh	70, 39.090, 285.507
Yxy	40.7494, 0.2471, 0.2392
Android (android.graphics.Color)	4287998191 (0xFF95A8EF)
YUV	170.4130, 33.8134, -18.7792
Hunter-Lab	63.8353, 6.0114, -36.5852

Details

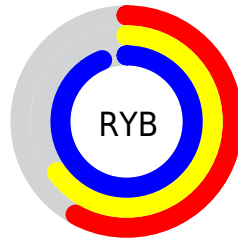
The CIELCh color `70, 39.090, 285.507` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `88, 37.418, 95.223`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 17.556, 271.795`, and `50, 39.410, 285.632` is the 20% darker color. If you saturate the color by 10%, you get `64, 50.284, 287.693`, and if you desaturate by 10%, it is `77, 28.262, 283.630`.

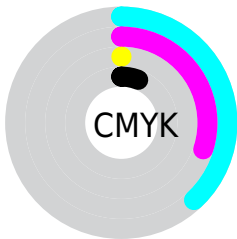
Distribution



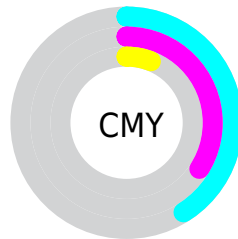
- Red (58%)
- Green (66%)
- Blue (94%)



- Red (58%)
- Yellow (65%)
- Blue (94%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (6%)



- Cyan (41%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 39.090, 285.507 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 70, 39.090, 285.507 by changing the saturation by 10% instead.

■ 70, 39.090,
285.507

■ 70, 39.090,
285.507

■ 100, 39.090,
285.507

■ 60, 39.090,
285.507

■ 90, 39.090,
285.507

■ 50, 39.090,
285.507

■ 40, 39.090,
285.507

■ 30, 39.090,
285.507

■ 20, 39.090,
285.507

■ 10, 39.090,
285.507

■ 0, 39.090, 285.507

70, 39.090,
285.507

70, 39.090,
285.507

64, 50.284,
287.693

77, 28.262,
283.630

57, 61.878,
290.205

83, 17.769,
282.029

51, 73.860,
293.023

90, 7.582, 280.671

45, 86.101,
296.054

96, 2.322, 99.389

40, 98.201,
299.115

100, 7.973,
109.571

36, 109.345,
301.927

35, 111.751,
302.501

Harmonies

Complementary

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



70, 39.090, 285.507



88, 37.418, 95.223

Rectangle

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



70, 39.090, 285.507



70, 39.090, 335.507



70, 39.090, 105.507



70, 39.090, 155.507

Sweetspot

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



70, 39.089, 285.507



92, 11.576, 281.108



89, 31.311, 178.307



48, 7.792, 281.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 39.089, 285.507



69, 49.836, 287.124



67, 50.509, 303.971



47, 5.675, 280.905



26, 90.306, 302.059



5, 32.278, 294.541

Inverse Universe

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



71, 36.439, 7.011



71, 46.357, 8.416



91, 46.594, 118.926



47, 5.180, 3.249



38, 72.079, 28.588



8, 28.971, 15.059

Previews

White Background



This preview shows how the CIELCh color 70, 39.090, 285.507 looks on a white background.

Color Contrast Check

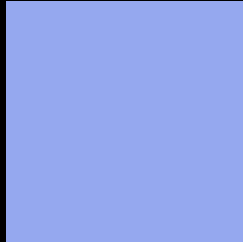
Large Text (above 18pt) WCAG AA × Fail

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 70, 39.090, 285.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

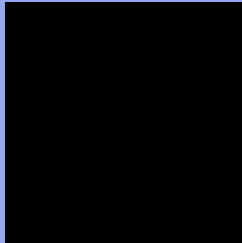
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 39.090, 285.507

Background



This preview shows how black text looks on a background with the CIELCh color 70, 39.090, 285.507.



This preview shows how white text looks on a background with the CIELCh color 70, 39.090, 285.507.

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

70, 39.090, 285.507

Protanopia

70, 39.090, 285.507

Deuteranopia

70, 38.626, 284.021



Tritanopia
70, 15.296, 231.210

Trichromacy



Original Color
70, 39.090, 285.507

Protanomaly
70, 39.090, 285.507

Deuteranomaly
70, 38.588, 284.440

Tritanomaly
70, 21.442, 262.979

Monochromacy



Original Color
70, 39.090, 285.507

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 14.402, 281.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 39.090, 285.507 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, 168, 239)` looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 239)  
}
```

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, 168, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 39.090, 285.507 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, 168, 239) }
```

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

```
.border{ border-color:rgb(149, 168, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 168, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 168, 239); box-shadow:4px 4px 4px 4px rgb(149, 168, 239) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 39.090, 285.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 239) }
```

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

```
.background{ background-color: rgb(149,  
168, 239) }
```

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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