

Converting Colors

CIELCh(71, 37.980, 284.629)

Have a look what the booklet for
CIELCh(71, 37.980, 284.629)
contains.

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Color

CIELCh(71, 37.942, 284.599)

Conversions

Conversions Part 1

Format	Color
Hex	97ABF0
RGB	151, 171, 240
RGB Percent	59%, 67%, 94%
CMY	0.4064, 0.3280, 0.0573
CMYK	0.37, 0.29, 0.00, 0.06
HSL	227°, 75%, 77%
HSV	227°, 37%, 94%
XYZ	43.2446, 42.1875, 88.5975
YIQ	172.8860, -34.0690, 17.2190

Conversions

Conversions Part 2

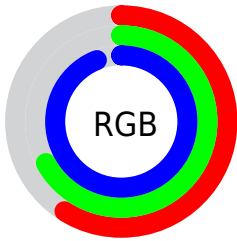
Format	Color
RYB	151, 167, 240
Decimal	9939952
CIELab	71.00, 9.56, -36.72
CIELCh	71, 37.942, 284.599
Yxy	42.1875, 0.2485, 0.2424
Android (android.graphics.Color)	4288130032 (0xFF97ABF0)
YUV	172.8860, 33.0872, -19.1940
Hunter-Lab	64.9519, 5.1785, -35.4081

Details

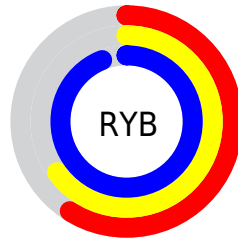
The CIELCh color **71, 37.942, 284.599** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **88, 36.523, 94.394**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.072, 269.637**, and **51, 38.163, 284.568** is the 20% darker color. If you saturate the color by 10%, you get **65, 48.938, 286.788**, and if you desaturate by 10%, it is **77, 27.292, 282.721**.

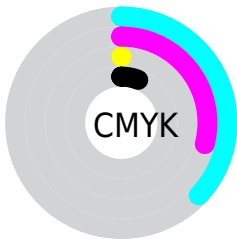
Distribution



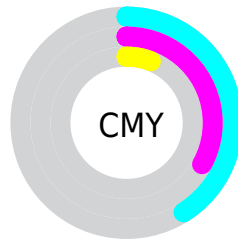
- Red (59%)
- Green (67%)
- Blue (94%)



- Red (59%)
- Yellow (65%)
- Blue (94%)



- Cyan (37%)
- Magenta (29%)
- Yellow (0%)
- Black (6%)



- Cyan (41%)
- Magenta (33%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 37.942, 284.599 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 71, 37.942, 284.599 by changing the saturation by 10% instead.

■ 71, 37.942,
284.599

■ 71, 37.942,
284.599

■ 100, 37.942,
284.599

■ 61, 37.942,
284.599

■ 91, 37.942,
284.599

■ 51, 37.942,
284.599

■ 41, 37.942,
284.599

■ 31, 37.942,
284.599

■ 21, 37.942,
284.599

■ 11, 37.942,
284.599

■ 1, 37.942, 284.599

0, 37.942, 284.599

71, 37.942,
284.599

71, 37.942,
284.599

65, 48.938,
286.788

77, 27.292,
282.721

58, 60.315,
289.308

84, 16.957,
281.119

52, 72.077,
292.145

90, 6.911, 279.763

97, 2.867, 98.487

47, 84.128,
295.217

100, 7.400,
109.614

41, 96.143,
298.353

37, 107.411,
301.288

■ 36,110.484,
302.047

Harmonies

Complementary

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



71, 37.942, 284.599



88, 36.523, 94.394

Rectangle

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



71, 37.942, 284.599



71, 37.942, 334.599



71, 37.942, 104.599



71, 37.942, 154.599

Sweetspot

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



71, 37.941, 284.599



93, 11.400, 280.277



89, 31.342, 177.072



48, 7.673, 280.461



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 37.941, 284.599



70, 47.812, 286.121



68, 49.801, 303.383



47, 5.590, 280.072



27, 88.900, 301.577



5, 31.887, 294.177

Inverse Universe

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



72, 36.060, 5.896



72, 45.351, 7.193



91, 45.933, 118.268



47, 5.207, 2.236



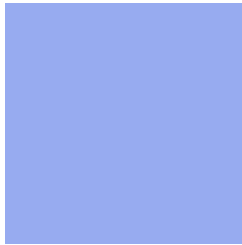
38, 71.461, 27.525



8, 28.934, 14.413

Previews

White Background



This preview shows how the CIELCh color 71, 37.942, 284.599 looks on a white background.

Color Contrast Check

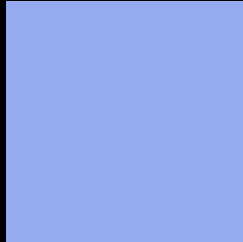
Large Text (above 18pt) WCAG AA × Fail

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 71, 37.942, 284.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

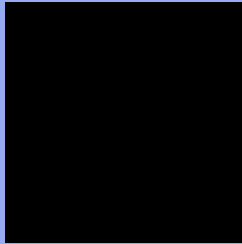
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 37.942, 284.599

Background



This preview shows how black text looks on a background with the CIELCh color 71, 37.942, 284.599.



This preview shows how white text looks on a background with the CIELCh color 71, 37.942, 284.599.

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

71, 37.942, 284.599

Protanopia

71, 37.872, 285.468

Deuteranopia

71, 37.942, 284.599



Tritanopia
71, 15.533, 230.531

Trichromacy



Original Color
71, 37.942, 284.599

Protanomaly
71, 37.906, 285.032

Deuteranomaly
71, 37.942, 284.599

Tritanomaly
71, 21.526, 262.165

Monochromacy



Original Color
71, 37.942, 284.599

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 14.371, 281.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 37.942, 284.599 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(151, 171, 240)` looks like.

```
.text, #text, p{  
    color:rgb(151, 171, 240)  
}
```

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(151, 171, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 171, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 37.942, 284.599 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(151, 171, 240) }
```

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

```
.border{ border-color:rgb(151, 171, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 171, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 171, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 171, 240);  
box-shadow:4px 4px 4px 4px rgb(151, 171,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 37.942, 284.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 171, 240) }
```

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

```
.background{ background-color: rgb(151,  
171, 240) }
```

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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