

Converting Colors

CIELCh(71, 38.947, 269.843)

Have a look what the booklet for
CIELCh(71, 38.947, 269.843)
contains.

CIELCh(71, 38.975, 269.898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 38.975, 269.898)

Conversions

Conversions Part 1

Format	Color
Hex	79B1F4
RGB	121, 177, 244
RGB Percent	47%, 69%, 96%
CMY	0.5243, 0.3048, 0.0420
CMYK	0.50, 0.27, 0.00, 0.04
HSL	213°, 85%, 72%
HSV	213°, 50%, 96%
XYZ	40.0757, 42.1875, 91.8508
YIQ	167.8940, -54.8830, 8.9650

Conversions

Conversions Part 2

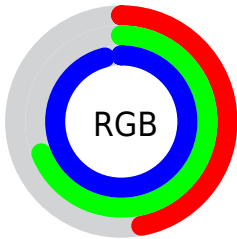
Format	Color
R _Y B	121, 159, 244
Decimal	7975412
CIE Lab	71.00, -0.07, -38.97
CIE LCh	71, 38.975, 269.898
Yxy	42.1875, 0.2302, 0.2423
Android (android.graphics.Color)	4286165492 (0xFF79B1F4)
YUV	167.8940, 37.5203, -41.1260
Hunter-Lab	64.9519, -3.5303, -38.3777

Details

The CIELCh color **71, 38.975, 269.898** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **80, 43.263, 73.438**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 20.298, 234.916**, and **51, 38.588, 269.483** is the 20% darker color. If you saturate the color by 10%, you get **66, 46.591, 272.990**, and if you desaturate by 10%, it is **76, 31.325, 267.258**.

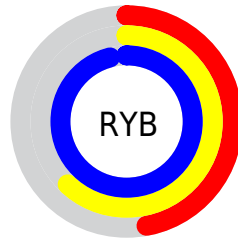
Distribution



Red (47%)

Green (69%)

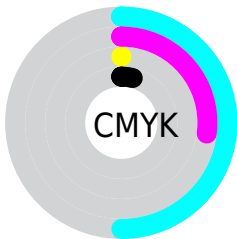
Blue (96%)



Red (47%)

Yellow (62%)

Blue (96%)

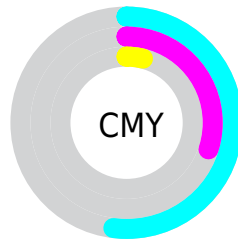


Cyan (50%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 38.975, 269.898 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, 38.975, 269.898 by changing the saturation by 10% instead.

■ 71, 38.975,
269.898

■ 71, 38.975,
269.898

■ 100, 38.975,
269.898

■ 61, 38.975,
269.898

■ 91, 38.975,
269.898

■ 51, 38.975,
269.898

■ 41, 38.975,
269.898

■ 31, 38.975,
269.898

■ 21, 38.975,
269.898

■ 11, 38.975,
269.898

■ 1, 38.975, 269.898

0, 38.975, 269.898

71, 38.975,
269.898

71, 38.975,
269.898

66, 46.591,
272.990

76, 31.325,
267.258

62, 54.228,
276.547

81, 23.624,
265.023

57, 61.965,
280.528

86, 15.872,
263.141

53, 69.888,
284.808

91, 8.084, 261.565

49, 77.766,
288.959

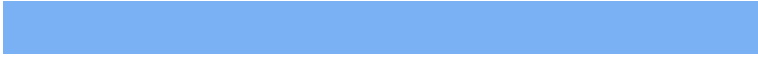
96, 0.280, 261.541

100, 5.418,
109.759

Harmonies

Complementary

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



71, 38.975, 269.898



80, 43.263, 73.438

Rectangle

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



71, 38.975, 269.898



71, 38.975, 319.898



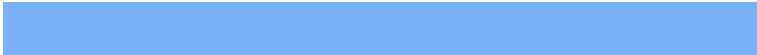
71, 38.975, 89.898



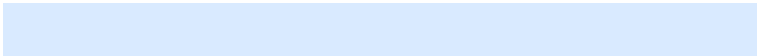
71, 38.975, 139.898

Sweetspot

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



71, 38.974, 269.898



92, 12.126, 262.267



88, 50.509, 160.030



48, 8.270, 262.604



0, 0.000, 0.000



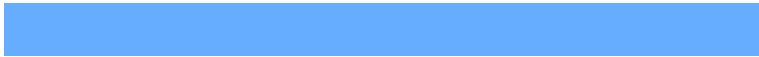
53, 0.007, 296.813

Same Dimension

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



71, 38.974, 269.898



69, 47.965, 272.920



57, 69.920, 298.455



48, 4.448, 261.444



38, 62.304, 288.191



10, 24.007, 281.300

Inverse Universe

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



67, 53.702, 351.991



65, 64.920, 353.816



94, 60.719, 106.955



48, 5.993, 346.926



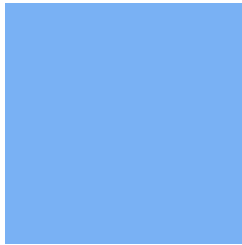
40, 66.644, 6.341



9, 29.905, 359.468

Previews

White Background



This preview shows how the CIELCh color 71, 38.975, 269.898 looks on a white background.

Color Contrast Check

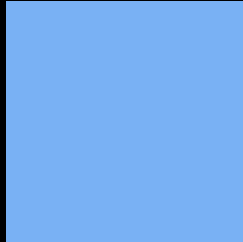
Large Text (above 18pt) WCAG AA × Fail

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, 38.975, 269.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

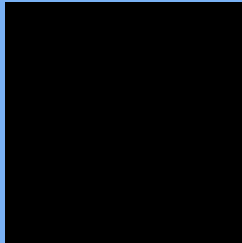
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

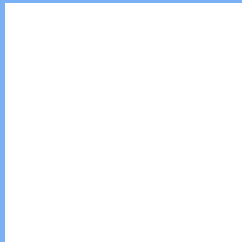
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 38.975, 269.898

Background



This preview shows how black text looks on a background with the CIELCh color 71, 38.975, 269.898.

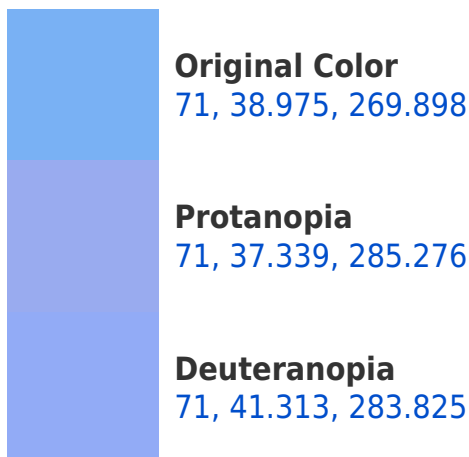


This preview shows how white text looks on a background with the CIELCh color 71, 38.975, 269.898.

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



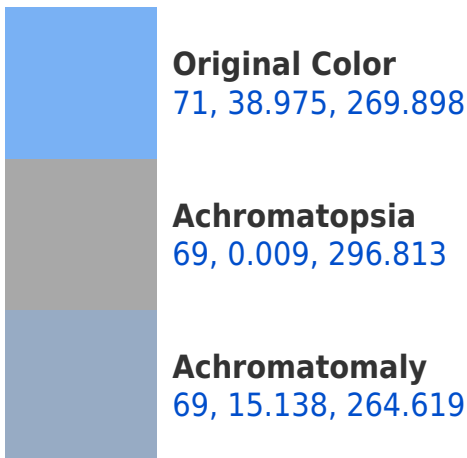


Tritanopia
71, 25.245, 215.442

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 38.975, 269.898 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(121, 177, 244)` looks like.

```
.text, #text, p{  
    color:rgb(121, 177, 244)  
}
```

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(121, 177, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 177, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 38.975, 269.898 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(121, 177, 244) }
```

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

```
.border{ border-color:rgb(121, 177, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 177, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 177, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 177, 244);  
box-shadow:4px 4px 4px 4px rgb(121, 177,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 38.975, 269.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 177, 244) }
```

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

```
.background{ background-color: rgb(121,  
177, 244) }
```

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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