

Converting Colors

CIELCh(71, 29.195, 253.877)

Have a look what the booklet for
CIELCh(71, 29.195, 253.877)
contains.

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Color

CIELCh(71, 29.039, 253.011)

Conversions

Conversions Part 1

Format	Color
Hex	77B5E0
RGB	119, 181, 224
RGB Percent	47%, 71%, 88%
CMY	0.5346, 0.2914, 0.1228
CMYK	0.47, 0.19, 0.00, 0.12
HSL	205°, 63%, 67%
HSV	205°, 47%, 88%
XYZ	37.4373, 42.1875, 76.4642
YIQ	167.3640, -50.7550, 0.2290

Conversions

Conversions Part 2

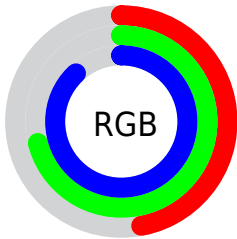
Format	Color
R_{YB}	119, 158, 224
Decimal	7845344
CIE _{Lab}	71.00, -8.48, -27.77
CIE _{LCh}	71, 29.039, 253.011
Yxy	42.1875, 0.2398, 0.2703
Android (android.graphics.Color)	4286035424 (0xFF77B5E0)
YUV	167.3640, 27.9215, -42.4152
Hunter-Lab	64.9519, -10.7812, -24.3325

Details

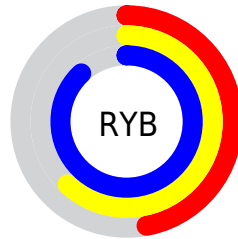
The CIELCh color **71, 29.039, 253.011** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71, 36.153, 60.271**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 21.145, 224.727**, and **51, 29.313, 253.566** is the 20% darker color. If you saturate the color by 10%, you get **67, 34.413, 255.859**, and if you desaturate by 10%, it is **75, 23.335, 250.658**.

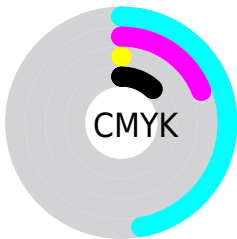
Distribution



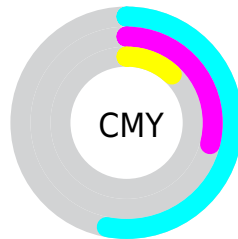
- Red (47%)
- Green (71%)
- Blue (88%)



- Red (47%)
- Yellow (62%)
- Blue (88%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (53%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 29.039, 253.011 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, 29.039, 253.011 by changing the saturation by 10% instead.

■ 71, 29.039,
253.011

■ 71, 29.039,
253.011

■ 100, 29.039,
253.011

■ 61, 29.039,
253.011

■ 91, 29.039,
253.011

■ 51, 29.039,
253.011

■ 41, 29.039,
253.011

■ 31, 29.039,
253.011

■ 21, 29.039,
253.011

■ 11, 29.039,
253.011

■ 1, 29.039, 253.011

0, 29.039, 253.011

71, 29.039,
253.011

71, 29.039,
253.011

67, 34.413,
255.859

75, 23.335,
250.658

64, 39.466,
259.272

78, 17.331,
248.729

61, 44.249,
263.279

82, 11.068,
247.153

58, 48.871,
267.844

86, 4.596, 245.903

55, 53.494,
272.812

90, 2.038, 64.481

94, 8.791, 63.756

54, 54.957,
274.301

97, 11.378, 90.166

■ 99, 15.330,
107.590

■ 99, 15.843,
108.980

Harmonies

Complementary

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



71, 29.039, 253.011



71, 36.153, 60.271

Rectangle

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



71, 29.039, 253.011



71, 29.039, 303.011



71, 29.039, 73.011



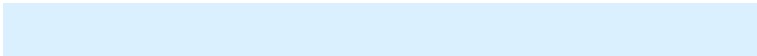
71, 29.039, 123.011

Sweetspot

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



71, 29.038, 253.010



94, 10.214, 246.764



82, 49.403, 154.014



49, 7.030, 247.060



0, 0.000, 0.000



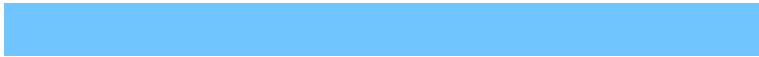
53, 0.007, 296.813

Same Dimension

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



71, 29.038, 253.010



76, 37.689, 255.695



57, 53.776, 292.975



45, 3.758, 246.181



43, 45.330, 273.432



10, 16.357, 263.463

Inverse Universe

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



64, 50.425, 343.389



67, 65.565, 344.598



84, 48.563, 100.781



44, 6.115, 339.757



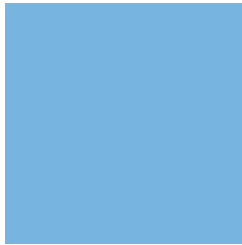
38, 65.932, 353.585



7, 27.555, 348.224

Previews

White Background



This preview shows how the CIELCh color 71, 29.039, 253.011 looks on a white background.

Color Contrast Check

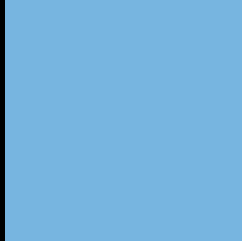
Large Text (above 18pt) WCAG AA × Fail

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, 29.039, 253.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

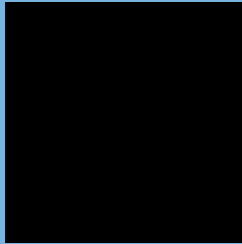
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

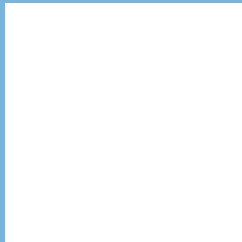
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 29.039, 253.011

Background



This preview shows how black text looks on a background with the CIELCh color 71, 29.039, 253.011.

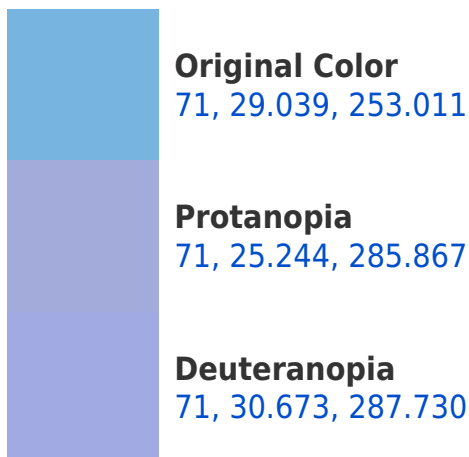


This preview shows how white text looks on a background with the CIELCh color 71, 29.039, 253.011.

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](#).

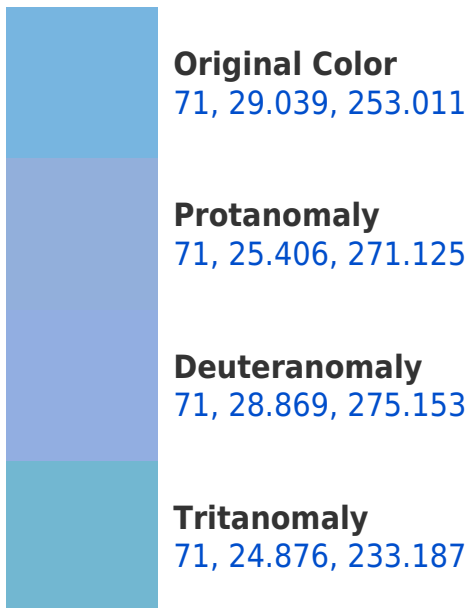
Dichromacy



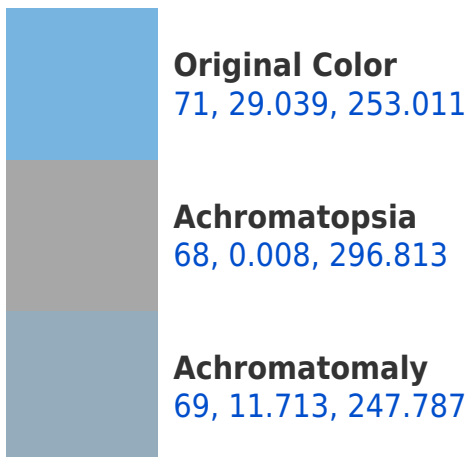


Tritanopia
71, 24.157, 217.761

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 29.039, 253.011 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(119, 181, 224)` looks like.

```
.text, #text, p{  
    color:rgb(119, 181, 224)  
}
```

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(119, 181, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 181, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 29.039, 253.011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

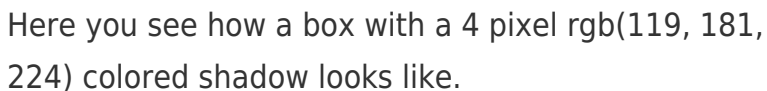
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 181, 224) }
```

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

```
.border{ border-color:rgb(119, 181, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 181, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 181, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 181, 224); box-shadow:4px 4px 4px 4px rgb(119, 181, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 29.039, 253.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 181, 224) }
```

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

```
.background{ background-color: rgb(119,  
181, 224) }
```

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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