

Converting Colors

CIELCh(71, 37.596, 265.631)

Have a look what the booklet for
CIELCh(71, 37.596, 265.631)
contains.

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Color

CIELCh(71, 37.672, 265.631)

Conversions

Conversions Part 1

Format	Color
Hex	74B3F2
RGB	116, 179, 242
RGB Percent	45%, 70%, 95%
CMY	0.5465, 0.2993, 0.0523
CMYK	0.52, 0.26, 0.00, 0.05
HSL	210°, 83%, 70%
HSV	210°, 52%, 95%
XYZ	39.1844, 42.1875, 89.8066
YIQ	167.3450, -57.7710, 6.2370

Conversions

Conversions Part 2

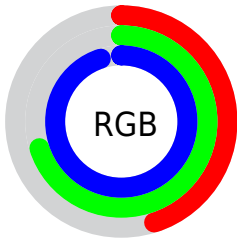
Format	Color
R _Y B	116, 158, 242
Decimal	7648242
CIE Lab	71.00, -2.87, -37.56
CIE LCh	71, 37.672, 265.631
Yxy	42.1875, 0.2289, 0.2465
Android (android.graphics.Color)	4285838322 (0xFF74B3F2)
YUV	167.3450, 36.8049, -45.0296
Hunter-Lab	64.9519, -5.9798, -36.5118

Details

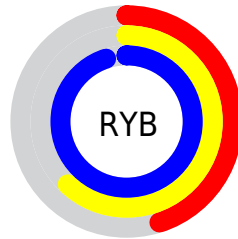
The CIELCh color **71, 37.672, 265.631** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **77, 43.909, 68.808**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 21.524, 227.431**, and **51, 37.673, 265.442** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.498, 268.852**, and if you desaturate by 10%, it is **76, 30.714, 262.896**.

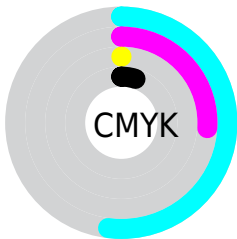
Distribution



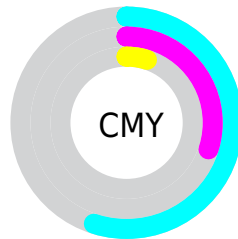
- Red (45%)
- Green (70%)
- Blue (95%)



- Red (45%)
- Yellow (62%)
- Blue (95%)



- Cyan (52%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (55%)
- Magenta (30%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 37.672, 265.631 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, 37.672, 265.631 by changing the saturation by 10% instead.

■ 71, 37.672,
265.631

■ 71, 37.672,
265.631

■ 100, 37.672,
265.631

■ 61, 37.672,
265.631

■ 91, 37.672,
265.631

■ 51, 37.672,
265.631

■ 41, 37.672,
265.631

■ 31, 37.672,
265.631

■ 21, 37.672,
265.631

■ 11, 37.672,
265.631

■ 1, 37.672, 265.631

0, 37.672, 265.631

71, 37.672,
265.631

71, 37.672,
265.631

67, 44.498,
268.852

76, 30.714,
262.896

62, 51.247,
272.579

80, 23.613,
260.597

58, 58.011,
276.770

85, 16.378,
258.674

55, 64.904,
281.295

90, 9.032, 257.074

52, 70.493,
284.871

94, 1.606, 255.925

99, 4.994, 93.829

100, 6.757,
109.661

Harmonies

Complementary

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



71, 37.672, 265.631



77, 43.909, 68.808

Rectangle

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



71, 37.672, 265.631



71, 37.672, 315.631



71, 37.672, 85.631



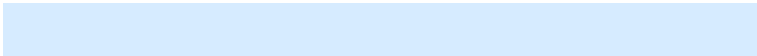
71, 37.672, 135.631

Sweetspot

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



71, 37.671, 265.631



92, 12.407, 257.662



87, 53.946, 157.169



48, 8.367, 257.992



0, 0.000, 0.000



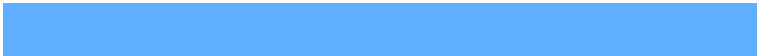
53, 0.007, 296.813

Same Dimension

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



71, 37.671, 265.631



70, 47.081, 269.217



55, 70.760, 297.424



48, 4.205, 256.699



40, 56.383, 284.030



10, 21.371, 276.316

Inverse Universe

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



65, 56.177, 349.402



64, 68.825, 351.364



93, 61.229, 104.458



47, 6.067, 344.393



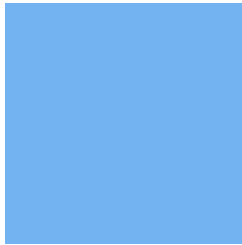
39, 66.221, 1.961



8, 29.446, 355.548

Previews

White Background



This preview shows how the CIELCh color 71, 37.672, 265.631 looks on a white background.

Color Contrast Check

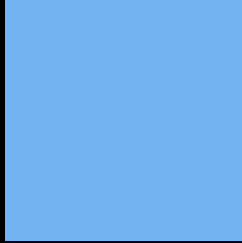
Large Text (above 18pt) WCAG AA × Fail

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, 37.672, 265.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

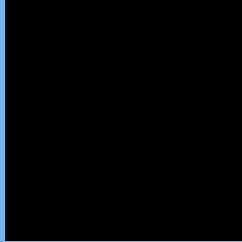
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

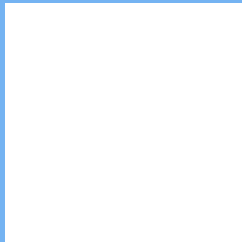
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 37.672, 265.631

Background



This preview shows how black text looks on a background with the CIELCh color 71, 37.672, 265.631.

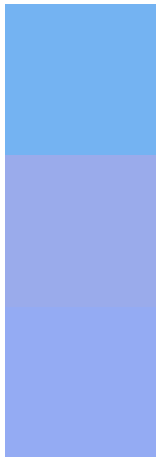


This preview shows how white text looks on a background with the CIELCh color 71, 37.672, 265.631.

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, 37.672, 265.631

Protanopia

71, 35.170, 284.941

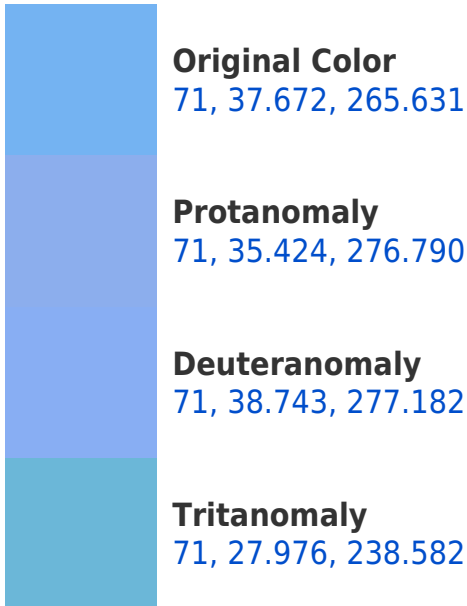
Deuteranopia

71, 39.648, 283.972

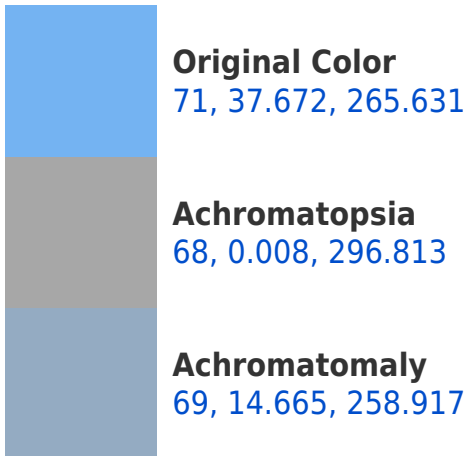


Tritanopia
71, 26.443, 215.805

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 37.672, 265.631 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(116, 179, 242)` looks like.

```
.text, #text, p{  
    color:rgb(116, 179, 242)  
}
```

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(116, 179, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 179, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 37.672, 265.631 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(116, 179, 242) }
```

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

```
.border{ border-color:rgb(116, 179, 242) }
```

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

Here you see how a box with a 4 pixel rgb(116, 179, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 179, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 179, 242);  
box-shadow:4px 4px 4px 4px rgb(116, 179,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 37.672, 265.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 179, 242) }
```

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

```
.background{ background-color: rgb(116,  
179, 242) }
```

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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