

Converting Colors

CIELCh(71, 46.264, 284.595)

Have a look what the booklet for
CIELCh(71, 46.264, 284.595)
contains.

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Color

CIELCh(71, 46.176, 284.577)

Conversions

Conversions Part 1

Format	Color
Hex	8FABFF
RGB	143, 171, 255
RGB Percent	56%, 67%, 100%
CMY	0.4392, 0.3294, 0.0000
CMYK	0.44, 0.33, 0.00, 0.00
HSL	225°, 100%, 78%
HSV	225°, 44%, 100%
XYZ	43.9427, 42.1875, 100.4381
YIQ	172.2040, -43.6520, 20.1880

Conversions

Conversions Part 2

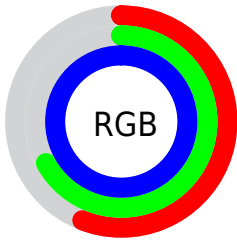
Format	Color
RYB	143, 165, 255
Decimal	9415679
CIELab	71.00, 11.62, -44.69
CIELCh	71, 46.176, 284.577
Yxy	42.1875, 0.2355, 0.2261
Android (android.graphics.Color)	4287605759 (0xFF8FABFF)
YUV	172.2040, 40.8184, -25.6119
Hunter-Lab	64.9519, 7.0970, -46.2165

Details

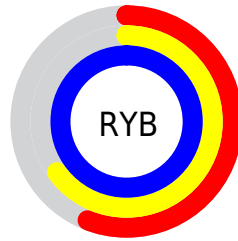
The CIELCh color **71, 46.176, 284.577** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **91, 44.453, 91.716**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.966, 262.490**, and **51, 46.336, 284.725** is the 20% darker color. If you saturate the color by 10%, you get **65, 57.531, 287.052**, and if you desaturate by 10%, it is **78, 35.165, 282.440**.

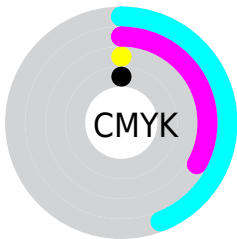
Distribution



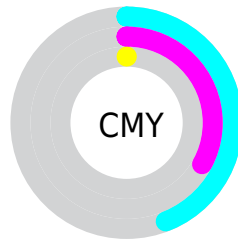
- Red (56%)
- Green (67%)
- Blue (100%)



- Red (56%)
- Yellow (65%)
- Blue (100%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 46.176, 284.577 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, 46.176, 284.577 by changing the saturation by 10% instead.

■ 71, 46.176,
284.577

■ 71, 46.176,
284.577

■ 100, 46.176,
284.577

■ 61, 46.176,
284.577

■ 91, 46.176,
284.577

■ 51, 46.176,
284.577

■ 41, 46.176,
284.577

■ 31, 46.176,
284.577

■ 21, 46.176,
284.577

■ 11, 46.176,
284.577

■ 1, 46.176, 284.577

■ 0, 46.176, 284.577

■ 71, 46.176,
284.577

■ 71, 46.176,
284.577

■ 65, 57.531,
287.052

■ 78, 35.165,
282.440

■ 58, 69.269,
289.870

■ 84, 24.472,
280.612

■ 52, 81.362,
292.978

■ 91, 14.064,
279.055

■ 47, 93.630,
296.243

■ 97, 3.918, 277.759

■ 42, 105.592,
299.439

100, 0.012,
296.813

■ 39, 112.382,
301.194

Harmonies

Complementary

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



71, 46.176, 284.577



91, 44.453, 91.716

Rectangle

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



71, 46.176, 284.577



71, 46.176, 334.577



71, 46.176, 104.577



71, 46.176, 154.577

Sweetspot

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



71, 46.172, 284.576



91, 13.122, 278.925



93, 38.682, 174.964



47, 9.207, 279.242



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, 46.172, 284.576



65, 56.472, 286.810



66, 62.619, 303.564



50, 5.716, 278.447



29, 89.047, 300.679



7, 35.654, 295.886

Inverse Universe

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



72, 45.442, 5.270



67, 55.008, 7.224



96, 56.558, 117.160



50, 5.536, 0.371



40, 72.625, 25.623



10, 31.700, 15.990

Previews

White Background



This preview shows how the CIELCh color 71, 46.176, 284.577 looks on a white background.

Color Contrast Check

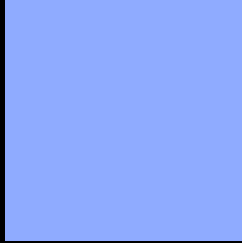
Large Text (above 18pt) WCAG AA × Fail

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, 46.176, 284.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

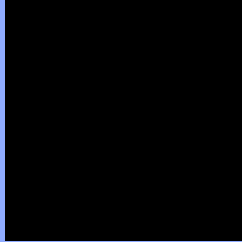
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 46.176, 284.577

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.176, 284.577.



This preview shows how white text looks on a background with the CIELCh color 71, 46.176, 284.577.

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

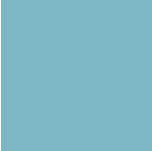
71, 46.176, 284.577

Protanopia

71, 46.648, 285.768

Deuteranopia

71, 45.802, 282.730



Tritanopia
71, 19.448, 223.259

Trichromacy



Original Color
71, 46.176, 284.577

Protanomaly
71, 46.681, 285.444

Deuteranomaly
71, 45.760, 283.049

Tritanomaly
71, 25.409, 258.716

Monochromacy



Original Color
71, 46.176, 284.577

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 16.741, 278.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.176, 284.577 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(143, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 171, 255)  
}
```

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(143, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 171, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.176, 284.577 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(143, 171, 255) }
```

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

```
.border{ border-color:rgb(143, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 171,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.176, 284.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 171, 255) }
```

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

```
.background{ background-color: rgb(143,  
171, 255) }
```

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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