

Converting Colors

CIELCh(72, 55.889, 267.340)

Have a look what the booklet for
CIELCh(72, 55.889, 267.340)
contains.

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Color

CIELCh(71, 46.398, 257.023)

Conversions

Conversions Part 1

Format	Color
Hex	39B7FF
RGB	57, 183, 255
RGB Percent	22%, 72%, 100%
CMY	0.7770, 0.2804, 0.0000
CMYK	0.78, 0.28, 0.00, 0.00
HSL	202°, 100%, 61%
HSV	202°, 78%, 100%
XYZ	36.8477, 42.1875, 101.2503
YIQ	153.5340, -98.2080, -4.3200

Conversions

Conversions Part 2

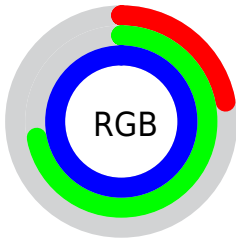
Format	Color
R _Y B	57, 134, 255
Decimal	3782655
CIE Lab	71.00, -10.42, -45.21
CIE LCh	71, 46.398, 257.023
Yxy	42.1875, 0.2044, 0.2340
Android (android.graphics.Color)	4281972735 (0xFF39B7FF)
YUV	153.5340, 50.0227, -84.6603
Hunter-Lab	64.9519, -12.4015, -46.9579

Details

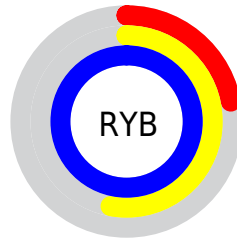
The CIELCh color **71, 46.398, 257.023** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **67, 73.080, 53.290**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 32.123, 212.712**, and **52, 43.754, 264.037** is the 20% darker color. If you saturate the color by 10%, you get **68, 50.330, 261.387**, and if you desaturate by 10%, it is **74, 41.749, 252.727**.

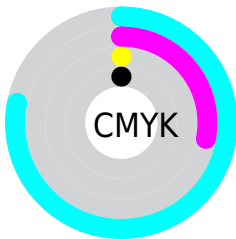
Distribution



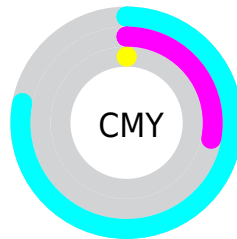
- Red (22%)
- Green (72%)
- Blue (100%)



- Red (22%)
- Yellow (53%)
- Blue (100%)



- Cyan (78%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (78%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 46.398, 257.023 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, 46.398, 257.023 by changing the saturation by 10% instead.


 71, 46.398,
257.023


 71, 46.398,
257.023


 100, 46.398,
257.023


 61, 46.398,
257.023


 91, 46.398,
257.023

 51, 46.398,
257.023

 41, 46.398,
257.023

 31, 46.398,
257.023

 21, 46.398,
257.023

 11, 46.398,
257.023

 1, 46.398, 257.023

■ 0, 46.398, 257.023

■ 71, 46.398,
257.023

■ 71, 46.398,
257.023

■ 68, 50.330,
261.387

■ 74, 41.749,
252.727

■ 65, 54.350,
266.524

■ 78, 36.857,
249.366

■ 64, 55.305,
267.699

■ 81, 31.469,
246.604

■ 85, 25.592,
244.362

■ 89, 19.273,
242.553

■ 93, 12.575,
241.103

■ 97, 5.567, 239.974

100, 0.012,
296.813

Harmonies

Complementary

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



71, 46.398, 257.023



67, 73.080, 53.290

Rectangle

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



71, 46.398, 257.023



71, 46.398, 307.023



71, 46.398, 77.023



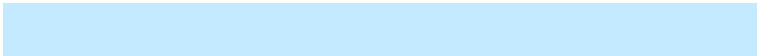
71, 46.398, 127.023

Sweetspot

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



71, 46.198, 256.739



91, 16.171, 241.832



89, 87.839, 146.892



47, 11.105, 242.380



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, 46.198, 256.739



66, 52.459, 264.071



45, 98.235, 298.820



51, 4.100, 240.152



49, 44.007, 266.725



15, 18.700, 259.455

Inverse Universe

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



60, 84.316, 345.120



57, 88.638, 348.367



90, 79.553, 94.383



50, 7.028, 337.520



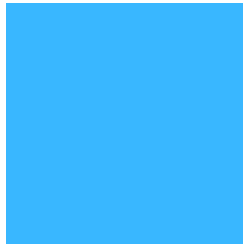
42, 71.709, 349.690



11, 33.817, 346.257

Previews

White Background



This preview shows how the CIE LCh color 71, 46.398, 257.023 looks on a white background.

Color Contrast Check

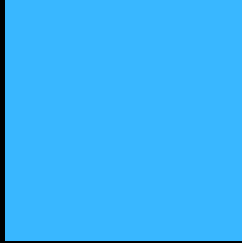
Large Text (above 18pt) WCAG AA × Fail

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, 46.398, 257.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

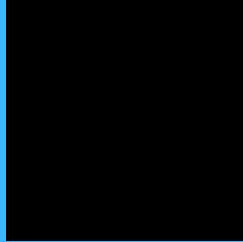
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

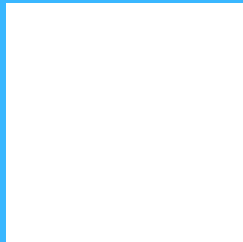
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 46.398, 257.023

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.398, 257.023.

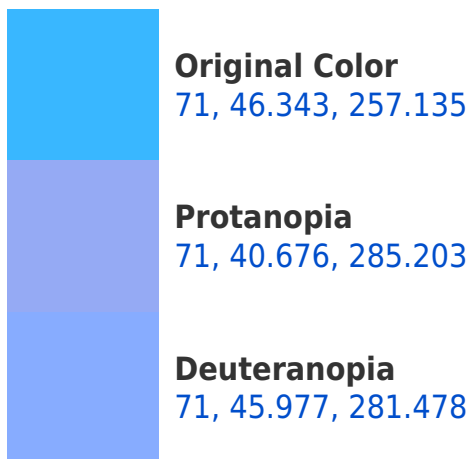


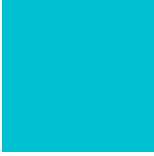
This preview shows how white text looks on a background with the CIELCh color 71, 46.398, 257.023.

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, 39.065, 208.919

Trichromacy



Original Color
71, 46.343, 257.135



Protanomaly
70, 42.144, 271.562



Deuteranomaly
70, 45.688, 271.156



Tritanomaly
71, 38.906, 226.950

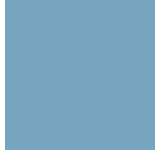
Monochromacy



Original Color
71, 46.343, 257.135



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 20.277, 244.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.398, 257.023 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(57, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 183, 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(57, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 183, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.398, 257.023 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(57, 183, 255) }
```

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

```
.border{ border-color:rgb(57, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 183,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.398, 257.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 183, 255) }
```

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

```
.background{ background-color: rgb(57, 183,  
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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