

Converting Colors

CIELCh(71, 52.050, 301.796)

Have a look what the booklet for
CIELCh(71, 52.050, 301.796)
contains.

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Color

CIELCh(71, 52.445, 301.962)

Conversions

Conversions Part 1

Format	Color
Hex	B5A0FF
RGB	181, 160, 255
RGB Percent	71%, 63%, 100%
CMY	0.2902, 0.3725, 0.0000
CMYK	0.29, 0.37, 0.00, 0.00
HSL	253°, 100%, 81%
HSV	253°, 37%, 100%
XYZ	49.6792, 42.1875, 100.1361
YIQ	177.1090, -17.9790, 33.9970

Conversions

Conversions Part 2

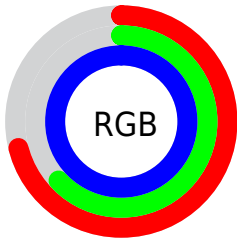
Format	Color
RYB	181, 160, 255
Decimal	11903231
CIELab	71.00, 27.76, -44.49
CIELCh	71, 52.445, 301.962
Yxy	42.1875, 0.2587, 0.2197
Android (android.graphics.Color)	4290093311 (0xFFB5A0FF)
YUV	177.1090, 38.4003, 3.4124
Hunter-Lab	64.9519, 22.8618, -45.9408

Details

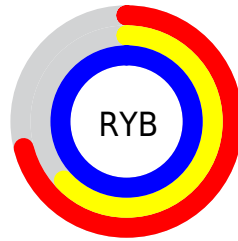
The CIELCh color **71, 52.445, 301.962** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 48.123, 116.328**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 22.532, 313.153**, and **51, 52.756, 302.170** is the 20% darker color. If you saturate the color by 10%, you get **63, 67.660, 303.077**, and if you desaturate by 10%, it is **79, 37.658, 300.957**.

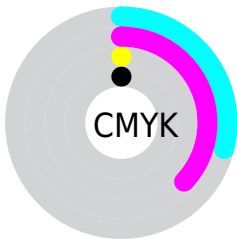
Distribution



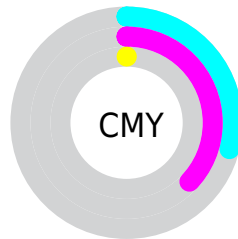
- Red (71%)
- Green (63%)
- Blue (100%)



- Red (71%)
- Yellow (63%)
- Blue (100%)



- Cyan (29%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (37%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 52.445, 301.962 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, 52.445, 301.962 by changing the saturation by 10% instead.


 71, 52.445,
301.962


 71, 52.445,
301.962


 100, 52.445,
301.962


 61, 52.445,
301.962


 91, 52.445,
301.962

 51, 52.445,
301.962

 41, 52.445,
301.962

 31, 52.445,
301.962

 21, 52.445,
301.962

 11, 52.445,
301.962

 1, 52.445, 301.962

0, 52.445, 301.962

71, 52.445,
301.962

71, 52.445,
301.962

63, 67.660,
303.077

79, 37.658,
300.957

56, 83.099,
304.266

87, 23.390,
300.070

49, 98.269,
305.452

94, 9.652, 299.295

43, 112.220,
306.494

100, 0.012,
296.813

38, 123.444,
307.181

35, 130.338,
307.312

■ 34, 131.709,
307.306

Harmonies

Complementary

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



71, 52.445, 301.962



97, 48.123, 116.328

Rectangle

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



71, 52.445, 301.962



71, 52.445, 351.962



71, 52.445, 121.962



71, 52.445, 171.962

Sweetspot

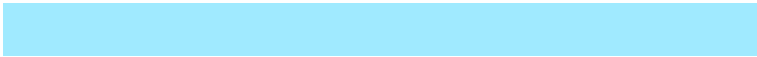
The Sweet Spot groups the original color and five complimentary colors.



71, 52.441, 301.962



91, 14.740, 299.573



89, 24.889, 223.823



48, 9.929, 299.677



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, 52.441, 301.962



65, 64.203, 302.817



75, 55.670, 317.867



49, 7.597, 299.460



25, 105.896, 307.428



4, 44.600, 305.970

Inverse Universe

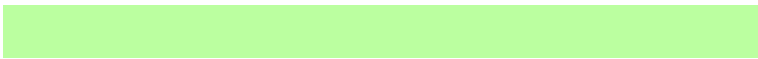
The Inverse Universe completely reimagines the original color for something new.



77, 50.915, 333.795



73, 60.886, 334.374



94, 54.245, 134.372



50, 7.766, 331.854



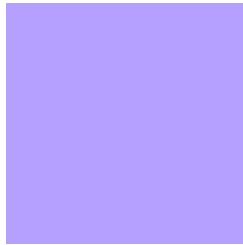
43, 78.454, 339.501



11, 36.807, 337.851

Previews

White Background



This preview shows how the CIELCh color 71, 52.445, 301.962 looks on a white background.

Color Contrast Check

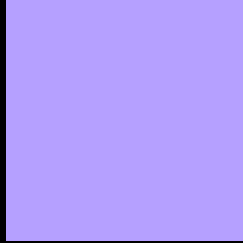
Large Text (above 18pt) WCAG AA × Fail

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, 52.445, 301.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

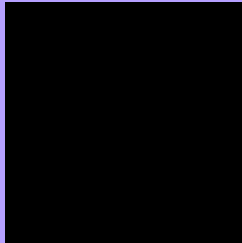
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 52.445, 301.962

Background



This preview shows how black text looks on a background with the CIELCh color 71, 52.445, 301.962.



This preview shows how white text looks on a background with the CIELCh color 71, 52.445, 301.962.

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

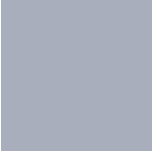
71, 52.445, 301.962

Protanopia

71, 46.106, 285.228

Deuteranopia

71, 44.106, 283.064



Tritanopia
71, 7.902, 275.088

Trichromacy



Original Color
71, 52.445, 301.962

Protanomaly
71, 48.045, 291.562

Deuteranomaly
71, 46.426, 290.209

Tritanomaly
71, 23.602, 295.763

Monochromacy



Original Color
71, 52.445, 301.962

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 18.779, 299.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 52.445, 301.962 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(181, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 160, 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(181, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 160, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 52.445, 301.962 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(181, 160, 255) }
```

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

```
.border{ border-color:rgb(181, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 160,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 52.445, 301.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 160, 255) }
```

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

```
.background{ background-color: rgb(181,  
160, 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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