

Converting Colors

CIELCh(71, 53.401, 302.950)

Have a look what the booklet for
CIELCh(71, 53.401, 302.950)
contains.

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Color

CIELCh(71, 53.123, 302.922)

Conversions

Conversions Part 1

Format	Color
Hex	B79FFF
RGB	183, 159, 255
RGB Percent	72%, 62%, 100%
CMY	0.2816, 0.3757, 0.0000
CMYK	0.28, 0.38, 0.00, 0.00
HSL	255°, 100%, 81%
HSV	255°, 38%, 100%
XYZ	50.0911, 42.1875, 100.2872
YIQ	177.1200, -16.5120, 34.9440

Conversions

Conversions Part 2

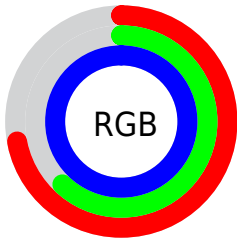
Format	Color
RYB	183, 159, 255
Decimal	12034047
CIELab	71.00, 28.87, -44.59
CIElCh	71, 53.123, 302.922
Yxy	42.1875, 0.2601, 0.2191
Android (android.graphics.Color)	4290224127 (0xFFB79FFF)
YUV	177.1200, 38.3948, 5.1568
Hunter-Lab	64.9519, 23.9938, -46.0787

Details

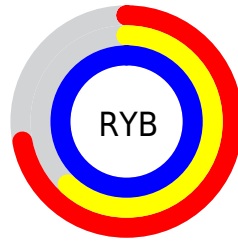
The CIELCh color **71, 53.123, 302.922** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **96, 48.733, 117.558**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 23.415, 315.083**, and **51, 53.440, 303.136** is the 20% darker color. If you saturate the color by 10%, you get **63, 68.208, 303.970**, and if you desaturate by 10%, it is **79, 38.212, 301.992**.

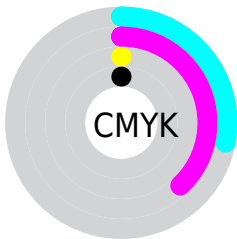
Distribution



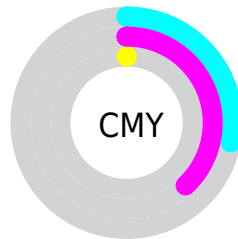
- Red (72%)
- Green (62%)
- Blue (100%)



- Red (72%)
- Yellow (62%)
- Blue (100%)



- Cyan (28%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (28%)
- Magenta (38%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 53.123, 302.922 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, 53.123, 302.922 by changing the saturation by 10% instead.


 71, 53.123,
302.922


 71, 53.123,
302.922


 100, 53.123,
302.922


 61, 53.123,
302.922


 91, 53.123,
302.922

 51, 53.123,
302.922

 41, 53.123,
302.922

 31, 53.123,
302.922

 21, 53.123,
302.922

 11, 53.123,
302.922

 1, 53.123, 302.922

0, 53.123, 302.922

71, 53.123,
302.922

71, 53.123,
302.922

63, 68.208,
303.970

79, 38.212,
301.992

56, 83.568,
305.062

86, 23.905,
301.154

49, 98.581,
306.132

94, 10.114,
300.419

43, 112.295,
307.044

100, 0.012,
296.813

38, 123.247,
307.600

35, 129.957,
307.614

■ 35, 131.174,
307.588

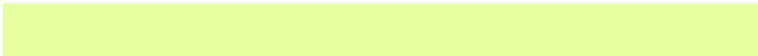
Harmonies

Complementary

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



71, 53.123, 302.922



96, 48.733, 117.558

Rectangle

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



71, 53.123, 302.922



71, 53.123, 352.922



71, 53.123, 122.922



71, 53.123, 172.922

Sweetspot

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



71, 53.011, 302.934



92, 14.786, 300.660



88, 24.897, 228.577



48, 9.959, 300.759



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, 53.011, 302.934



65, 64.273, 303.696



76, 56.497, 318.924



49, 7.621, 300.554



25, 105.453, 307.723



4, 44.659, 306.593

Inverse Universe

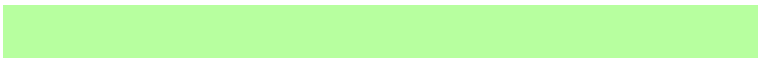
The Inverse Universe completely reimagines the original color for something new.



77, 50.315, 335.005



73, 59.692, 335.597



94, 55.259, 135.320



50, 7.604, 332.956



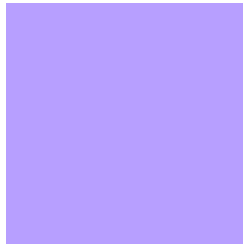
43, 76.816, 341.441



11, 36.108, 339.464

Previews

White Background



This preview shows how the CIELCh color 71, 53.123, 302.922 looks on a white background.

Color Contrast Check

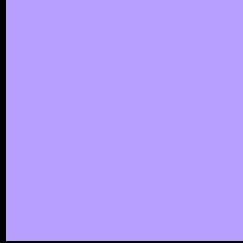
Large Text (above 18pt) WCAG AA × Fail

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, 53.123, 302.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

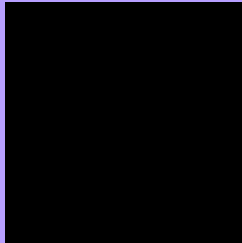
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 53.123, 302.922

Background



This preview shows how black text looks on a background with the CIELCh color 71, 53.123, 302.922.



This preview shows how white text looks on a background with the CIELCh color 71, 53.123, 302.922.

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, 53.123, 302.922

Protanopia

71, 46.106, 285.228

Deuteranopia

71, 44.106, 283.064



Tritanopia
71, 7.708, 282.852

Trichromacy



Original Color
71, 53.123, 302.922

Protanomaly
71, 48.035, 291.900

Deuteranomaly
71, 46.983, 291.033

Tritanomaly
71, 24.260, 298.155

Monochromacy



Original Color
71, 53.123, 302.922

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 18.831, 300.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 53.123, 302.922 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(183, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 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(183, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 53.123, 302.922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

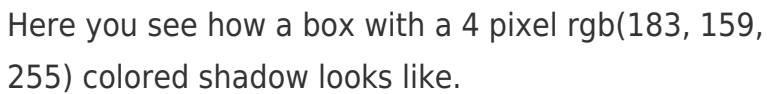
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 159, 255) }
```

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

```
.border{ border-color:rgb(183, 159, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 159, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 159, 255); box-shadow:4px 4px 4px 4px rgb(183, 159, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 53.123, 302.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 255) }
```

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

```
.background{ background-color: rgb(183,  
159, 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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