

Converting Colors

CIELCh(71, 52.108, 302.424)

Have a look what the booklet for
CIELCh(71, 52.108, 302.424)
contains.

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Color

CIELCh(71, 51.946, 302.349)

Conversions

Conversions Part 1

Format	Color
Hex	B6A0FE
RGB	182, 160, 254
RGB Percent	71%, 63%, 100%
CMY	0.2867, 0.3729, 0.0044
CMYK	0.28, 0.37, 0.00, 0.00
HSL	254°, 98%, 81%
HSV	254°, 37%, 100%
XYZ	49.6913, 42.1875, 99.1968
YIQ	177.2940, -17.0620, 33.8980

Conversions

Conversions Part 2

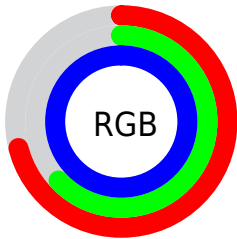
Format	Color
R_{YB}	182, 160, 254
Decimal	11968766
CIE _{Lab}	71.00, 27.80, -43.88
CIE _{LCh}	71, 51.946, 302.349
Yxy	42.1875, 0.2601, 0.2208
Android (android.graphics.Color)	4290158846 (0xFFB6A0FE)
YUV	177.2940, 37.8161, 4.1272
Hunter-Lab	64.9519, 22.8953, -45.0834

Details

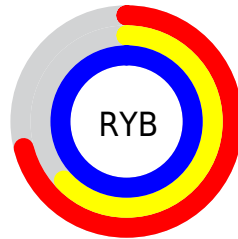
The CIELCh color **71, 51.946, 302.349** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **96, 47.753, 116.893**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 22.658, 313.975**, and **51, 52.217, 302.535** is the 20% darker color. If you saturate the color by 10%, you get **63, 67.088, 303.425**, and if you desaturate by 10%, it is **79, 37.225, 301.376**.

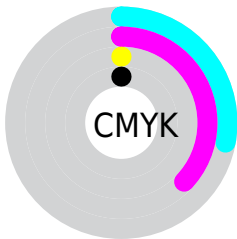
Distribution



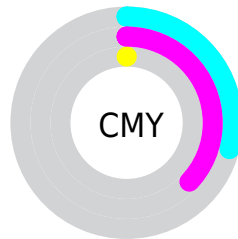
- Red (71%)
- Green (63%)
- Blue (100%)



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



- Cyan (28%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 51.946, 302.349 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, 51.946, 302.349 by changing the saturation by 10% instead.


 71, 51.946,
302.349


 71, 51.946,
302.349


 100, 51.946,
302.349


 61, 51.946,
302.349


 91, 51.946,
302.349

 51, 51.946,
302.349

 41, 51.946,
302.349

 31, 51.946,
302.349

 21, 51.946,
302.349

 11, 51.946,
302.349

 1, 51.946, 302.349

■ 0, 51.946, 302.349

■ 71, 51.946,
302.349

■ 71, 51.946,
302.349

■ 63, 67.088,
303.425

■ 79, 37.225,
301.376

■ 56, 82.438,
304.569

■ 86, 23.011,
300.515

■ 49, 97.513,
305.706

■ 94, 9.318, 299.763

■ 43, 111.387,
306.699

100, 0.552,
109.996

■ 38, 122.593,
307.346

■ 35, 129.553,
307.445

■ 34, 131.045,
307.427

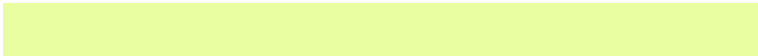
Harmonies

Complementary

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



71, 51.946, 302.349



96, 47.753, 116.893

Rectangle

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



71, 51.946, 302.349



71, 51.946, 352.349



71, 51.946, 122.349



71, 51.946, 172.349

Sweetspot

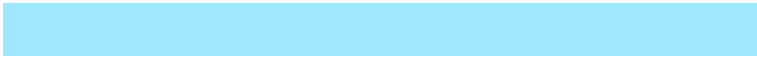
The Sweet Spot groups the original color and five complimentary colors.



71, 51.944, 302.349



91, 14.759, 300.050



88, 24.565, 226.139



48, 9.942, 300.152



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, 51.944, 302.349



66, 62.703, 303.092



75, 55.297, 318.380



49, 7.608, 299.940



25, 105.707, 307.553



4, 44.626, 306.239

Inverse Universe

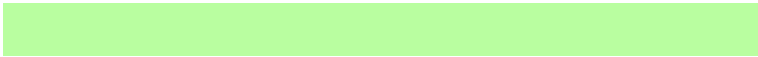
The Inverse Universe completely reimagines the original color for something new.



77, 49.986, 334.290



74, 59.115, 334.825



93, 53.997, 134.874



50, 7.694, 332.331



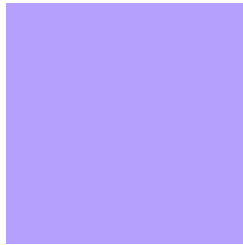
43, 77.724, 340.337



11, 36.497, 338.547

Previews

White Background



This preview shows how the CIELCh color 71, 51.946, 302.349 looks on a white background.

Color Contrast Check

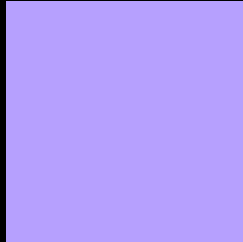
Large Text (above 18pt) WCAG AA × Fail

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, 51.946, 302.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

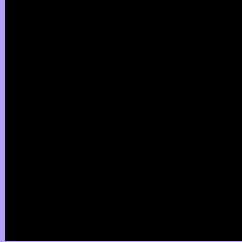
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 51.946, 302.349

Background



This preview shows how black text looks on a background with the CIELCh color 71, 51.946, 302.349.

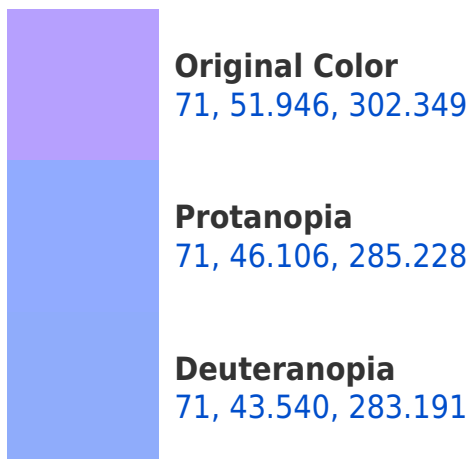


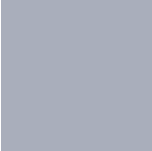
This preview shows how white text looks on a background with the CIELCh color 71, 51.946, 302.349.

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, 7.291, 276.549

Trichromacy



Original Color
71, 51.946, 302.349

Protanomaly
71, 48.045, 291.562

Deuteranomaly
71, 45.874, 290.454

Tritanomaly
71, 23.084, 296.647

Monochromacy



Original Color
71, 51.946, 302.349

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, 51.946, 302.349 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(182, 160, 254)` looks like.

```
.text, #text, p{  
    color:rgb(182, 160, 254)  
}
```

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(182, 160, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 160, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 51.946, 302.349 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(182, 160, 254) }
```

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

```
.border{ border-color:rgb(182, 160, 254) }
```

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

Here you see how a box with a 4 pixel rgb(182, 160, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 160, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 160, 254);  
box-shadow:4px 4px 4px 4px rgb(182, 160,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 51.946, 302.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 160, 254) }
```

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

```
.background{ background-color: rgb(182,  
160, 254) }
```

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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