

Converting Colors

CIELCh(71, 51.502, 301.229)

Have a look what the booklet for
CIELCh(71, 51.502, 301.229)
contains.

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Color

CIELCh(71, 51.244, 301.018)

Conversions

Conversions Part 1

Format	Color
Hex	B3A1FE
RGB	179, 161, 254
RGB Percent	70%, 63%, 100%
CMY	0.2983, 0.3689, 0.0042
CMYK	0.30, 0.37, 0.00, 0.00
HSL	252°, 98%, 81%
HSV	252°, 37%, 100%
XYZ	49.1792, 42.1875, 99.2461
YIQ	176.9840, -19.1250, 32.7390

Conversions

Conversions Part 2

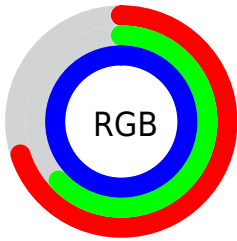
Format	Color
R _Y B	179, 161, 254
Decimal	11772414
CIE Lab	71.00, 26.41, -43.92
CIE LCh	71, 51.244, 301.018
Yxy	42.1875, 0.2580, 0.2213
Android (android.graphics.Color)	4289962494 (0xFFB3A1FE)
YUV	176.9840, 37.9689, 1.7680
Hunter-Lab	64.9519, 21.4878, -45.1284

Details

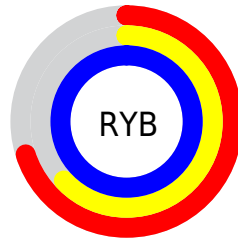
The CIELCh color **71, 51.244, 301.018** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 47.004, 115.191**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 21.563, 310.210**, and **51, 51.519, 301.203** is the 20% darker color. If you saturate the color by 10%, you get **63, 66.414, 302.206**, and if you desaturate by 10%, it is **79, 36.543, 299.956**.

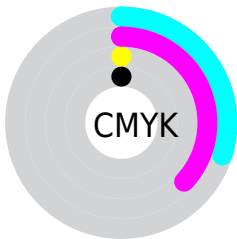
Distribution



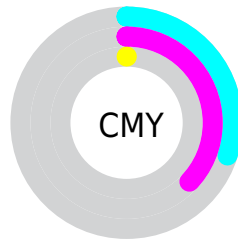
- Red (70%)
- Green (63%)
- Blue (100%)



- Red (70%)
- Yellow (63%)
- Blue (100%)



- Cyan (30%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (37%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 51.244, 301.018 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, 51.244, 301.018 by changing the saturation by 10% instead.


 71, 51.244,
301.018


 71, 51.244,
301.018


 100, 51.244,
301.018


 61, 51.244,
301.018


 91, 51.244,
301.018

 51, 51.244,
301.018

 41, 51.244,
301.018

 31, 51.244,
301.018

 21, 51.244,
301.018

 11, 51.244,
301.018

 1, 51.244, 301.018

■ 0, 51.244, 301.018

■ 71, 51.244,
301.018

■ 71, 51.244,
301.018

■ 63, 66.414,
302.206

■ 79, 36.543,
299.956

■ 56, 81.864,
303.487

■ 87, 22.378,
299.024

■ 49, 97.137,
304.788

■ 94, 8.750, 298.215

■ 43, 111.310,
305.963

100, 0.538,
109.994

■ 38, 122.860,
306.796

■ 34, 130.055,
307.059

■ 34, 131.726,
307.080

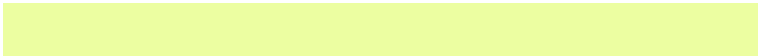
Harmonies

Complementary

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



71, 51.244, 301.018



97, 47.004, 115.191

Rectangle

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



71, 51.244, 301.018



71, 51.244, 351.018



71, 51.244, 121.018



71, 51.244, 171.018

Sweetspot

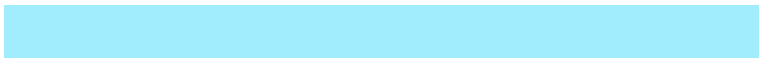
The Sweet Spot groups the original color and five complimentary colors.



71, 51.243, 301.018



91, 14.701, 298.555



89, 24.775, 219.173



48, 9.903, 298.665



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, 51.243, 301.018



66, 62.614, 301.884



75, 54.207, 316.789



49, 7.577, 298.437



24, 106.269, 307.189



4, 44.545, 305.421

Inverse Universe

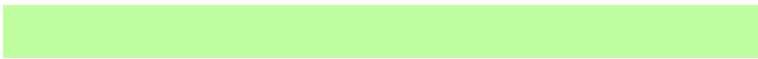
The Inverse Universe completely reimagines the original color for something new.



78, 50.857, 332.693



74, 60.751, 333.212



94, 52.631, 133.408



50, 7.919, 330.869



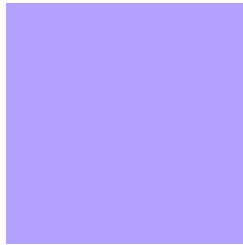
43, 80.065, 337.792



11, 37.487, 336.423

Previews

White Background



This preview shows how the CIELCh color 71, 51.244, 301.018 looks on a white background.

Color Contrast Check

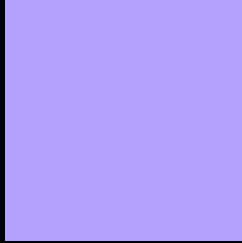
Large Text (above 18pt) WCAG AA × Fail

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, 51.244, 301.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

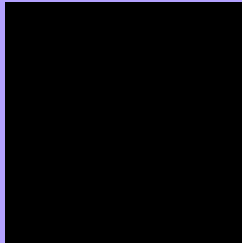
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 51.244, 301.018

Background



This preview shows how black text looks on a background with the CIELCh color 71, 51.244, 301.018.



This preview shows how white text looks on a background with the CIELCh color 71, 51.244, 301.018.

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, 51.244, 301.018

Protanopia

71, 46.106, 285.228

Deuteranopia

71, 44.106, 283.064



Tritanopia
71, 8.110, 270.218

Trichromacy



Original Color
71, 51.244, 301.018

Protanomaly
71, 48.057, 291.225

Deuteranomaly
71, 46.443, 289.862

Tritanomaly
71, 23.565, 294.115

Monochromacy



Original Color
71, 51.244, 301.018

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, 51.244, 301.018 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(179, 161, 254)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 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(179, 161, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 51.244, 301.018 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(179, 161, 254) }
```

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

```
.border{ border-color:rgb(179, 161, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 161, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 161, 254); box-shadow:4px 4px 4px 4px rgb(179, 161, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 51.244, 301.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 254) }
```

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

```
.background{ background-color: rgb(179,  
161, 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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