

Converting Colors

CIELCh(71, 40.332, 297.453)

Have a look what the booklet for
CIELCh(71, 40.332, 297.453)
contains.

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Color

CIELCh(71, 40.630, 297.569)

Conversions

Conversions Part 1

Format	Color
Hex	ADA5EF
RGB	173, 165, 239
RGB Percent	68%, 65%, 94%
CMY	0.3203, 0.3518, 0.0615
CMYK	0.28, 0.31, 0.00, 0.06
HSL	246°, 70%, 79%
HSV	246°, 31%, 94%
XYZ	46.4376, 42.1875, 87.6043
YIQ	175.8280, -18.9860, 24.7100

Conversions

Conversions Part 2

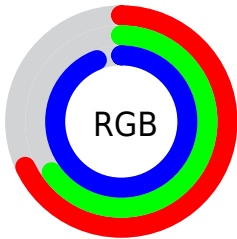
Format	Color
R _Y B	173, 165, 239
Decimal	11380207
CIE Lab	71.00, 18.80, -36.02
CIE LCh	71, 40.630, 297.569
Yxy	42.1875, 0.2635, 0.2394
Android (android.graphics.Color)	4289570287 (0xFFADA5EF)
YUV	175.8280, 31.1438, -2.4802
Hunter-Lab	64.9519, 13.9533, -34.5014

Details

The CIELCh color $71, 40.630, 297.569$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $92, 37.712, 111.926$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 18.616, 302.132$, and $51, 40.938, 297.763$ is the 20% darker color. If you saturate the color by 10%, you get $63, 54.870, 298.926$, and if you desaturate by 10%, it is $79, 26.934, 296.389$.

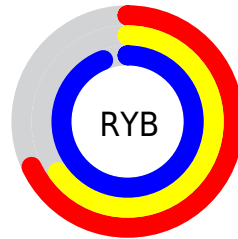
Distribution



Red (68%)

Green (65%)

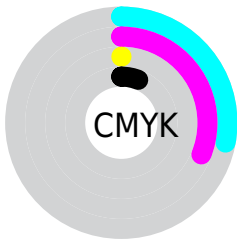
Blue (94%)



Red (68%)

Yellow (65%)

Blue (94%)

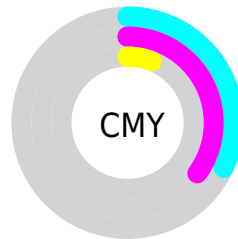


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (6%)



Cyan (32%)


Magenta (35%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 40.630, 297.569 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, 40.630, 297.569 by changing the saturation by 10% instead.


 71, 40.630,
297.569


 71, 40.630,
297.569


 100, 40.630,
297.569


 61, 40.630,
297.569


 91, 40.630,
297.569

 51, 40.630,
297.569

 41, 40.630,
297.569

 31, 40.630,
297.569

 21, 40.630,
297.569

 11, 40.630,
297.569

 1, 40.630, 297.569

■ 0, 40.630, 297.569

■ 71, 40.630,
297.569

■ 71, 40.630,
297.569

■ 63, 54.870,
298.926

■ 79, 26.934,
296.389

■ 56, 69.591,
300.452

■ 86, 13.787,
295.374

■ 49, 84.555,
302.102

■ 94, 1.160, 294.526

■ 42, 99.173,
303.761

■ 100, 7.937,
109.574

■ 37, 112.248,
305.222

■ 33, 121.945,
306.201

■ 31,126.916,
306.589

Harmonies

Complementary

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



71, 40.630, 297.569



92, 37.712, 111.926

Rectangle

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



71, 40.630, 297.569



71, 40.630, 347.569



71, 40.630, 117.569



71, 40.630, 167.569

Sweetspot

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



71, 40.628, 297.569



93, 11.909, 295.199



88, 21.629, 208.424



48, 8.299, 295.333



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, 40.628, 297.569



70, 51.822, 298.389



74, 42.857, 313.862



46, 7.157, 295.240



22, 103.933, 306.657



3, 38.093, 301.271

Inverse Universe

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



77, 43.574, 329.348



78, 54.626, 329.719



90, 41.452, 131.058



47, 7.992, 328.052



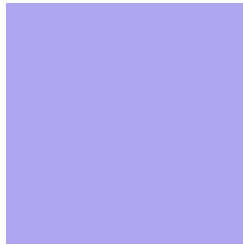
42, 82.953, 333.068



10, 36.640, 332.326

Previews

White Background



This preview shows how the CIELCh color 71, 40.630, 297.569 looks on a white background.

Color Contrast Check

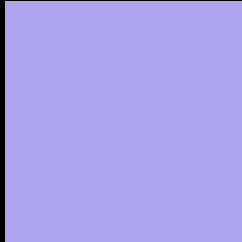
Large Text (above 18pt) WCAG AA × Fail

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, 40.630, 297.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

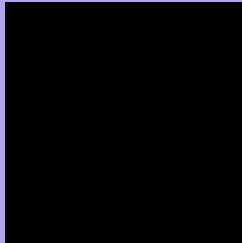
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 40.630, 297.569

Background



This preview shows how black text looks on a background with the CIELCh color 71, 40.630, 297.569.

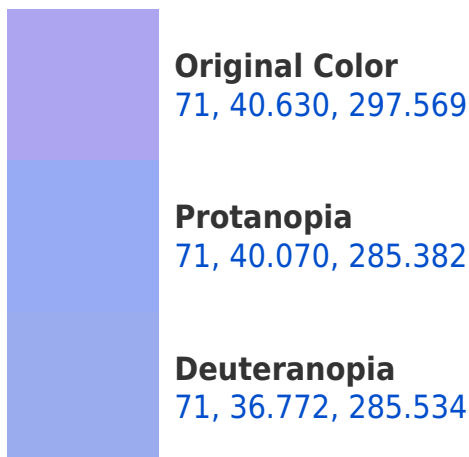


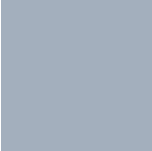
This preview shows how white text looks on a background with the CIELCh color 71, 40.630, 297.569.

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, 8.669, 261.381

Trichromacy



Original Color
71, 40.630, 297.569

Protanomaly
71, 39.899, 289.587

Deuteranomaly
71, 37.712, 290.007

Tritanomaly
71, 19.706, 288.125

Monochromacy



Original Color
71, 40.630, 297.569

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 14.808, 295.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 40.630, 297.569 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(173, 165, 239)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 239)  
}
```

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(173, 165, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 40.630, 297.569 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(173, 165, 239) }
```

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

```
.border{ border-color:rgb(173, 165, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 239);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 40.630, 297.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 239) }
```

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

```
.background{ background-color: rgb(173,  
165, 239) }
```

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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