

Converting Colors

CIELCh(71, 44.312, 299.155)

Have a look what the booklet for
CIELCh(71, 44.312, 299.155)
contains.

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Color

CIELCh(71, 43.992, 299.166)

Conversions

Conversions Part 1

Format	Color
Hex	B0A4F4
RGB	176, 164, 244
RGB Percent	69%, 64%, 96%
CMY	0.3107, 0.3577, 0.0441
CMYK	0.28, 0.33, 0.00, 0.04
HSL	249°, 78%, 80%
HSV	249°, 33%, 96%
XYZ	47.3760, 42.1875, 91.0357
YIQ	176.7080, -18.5280, 27.4240

Conversions

Conversions Part 2

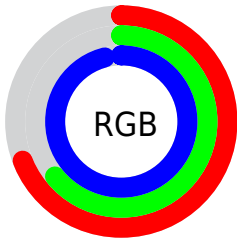
Format	Color
R _Y B	176, 164, 244
Decimal	11576564
CIE Lab	71.00, 21.44, -38.41
CIE LCh	71, 43.992, 299.166
Yxy	42.1875, 0.2623, 0.2336
Android (android.graphics.Color)	4289766644 (0xFFB0A4F4)
YUV	176.7080, 33.1750, -0.6209
Hunter-Lab	64.9519, 16.5322, -37.6337

Details

The CIELCh color $71, 43.992, 299.166$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $94, 40.686, 113.585$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 19.438, 305.846$, and $51, 43.888, 299.077$ is the 20% darker color. If you saturate the color by 10%, you get $63, 58.526, 300.429$, and if you desaturate by 10%, it is $79, 29.977, 298.056$.

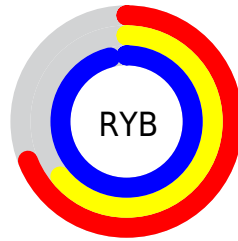
Distribution



Red (69%)

Green (64%)

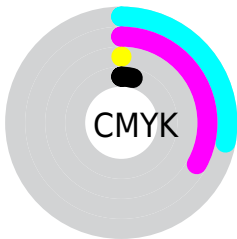
Blue (96%)



Red (69%)

Yellow (64%)

Blue (96%)

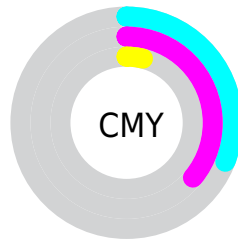


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (31%)


Magenta (36%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 43.992, 299.166 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, 43.992, 299.166 by changing the saturation by 10% instead.


 71, 43.992,
299.166


 71, 43.992,
299.166


 100, 43.992,
299.166


 61, 43.992,
299.166


 91, 43.992,
299.166

 51, 43.992,
299.166

 41, 43.992,
299.166

 31, 43.992,
299.166

 21, 43.992,
299.166

 11, 43.992,
299.166

 1, 43.992, 299.166

■ 0, 43.992, 299.166

■ 71, 43.992,
299.166

■ 71, 43.992,
299.166

■ 63, 58.526,
300.429

■ 79, 29.977,
298.056

■ 56, 73.475,
301.829

■ 86, 16.506,
297.094

■ 49, 88.535,
303.310

■ 94, 3.560, 296.268

■ 42, 103.013,
304.752

■ 100, 5.692,
109.739

■ 37, 115.609,
305.945

■ 33, 124.510,
306.629

■ 32,128.267,
306.797

Harmonies

Complementary

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



71, 43.992, 299.166



94, 40.686, 113.585

Rectangle

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



71, 43.992, 299.166



71, 43.992, 349.166



71, 43.992, 119.166



71, 43.992, 169.166

Sweetspot

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



71, 43.990, 299.166



92, 13.293, 296.850



88, 22.509, 212.466



48, 9.093, 296.972



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, 43.990, 299.166



69, 54.910, 299.942



74, 46.486, 315.025



47, 7.301, 296.805



23, 104.632, 306.884



3, 40.356, 303.163

Inverse Universe

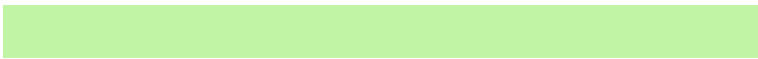
The Inverse Universe completely reimagines the original color for something new.



77, 45.550, 330.861



77, 55.850, 331.264



91, 45.030, 132.048



48, 7.898, 329.384



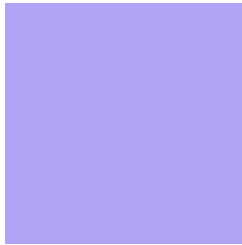
43, 81.134, 335.263



10, 36.630, 334.197

Previews

White Background



This preview shows how the CIELCh color 71, 43.992, 299.166 looks on a white background.

Color Contrast Check

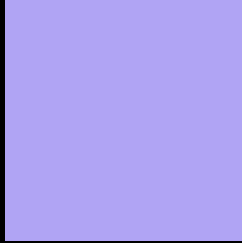
Large Text (above 18pt) WCAG AA × Fail

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, 43.992, 299.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

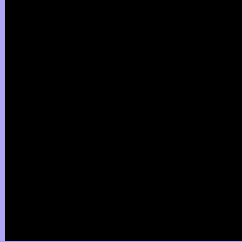
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 43.992, 299.166

Background



This preview shows how black text looks on a background with the CIELCh color 71, 43.992, 299.166.



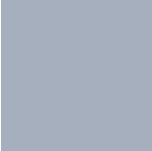
This preview shows how white text looks on a background with the CIELCh color 71, 43.992, 299.166.

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, 8.362, 265.635

Trichromacy



Original Color
71, 43.992, 299.166

Protanomaly
71, 43.697, 290.779

Deuteranomaly
71, 40.422, 290.124

Tritanomaly
71, 20.772, 290.319

Monochromacy



Original Color
71, 43.992, 299.166

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 15.927, 296.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 43.992, 299.166 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(176, 164, 244)` looks like.

```
.text, #text, p{  
    color:rgb(176, 164, 244)  
}
```

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(176, 164, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 164, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 43.992, 299.166 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(176, 164, 244) }
```

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

```
.border{ border-color:rgb(176, 164, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 164, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 164, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 164, 244);  
box-shadow:4px 4px 4px 4px rgb(176, 164,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 43.992, 299.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 164, 244) }
```

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

```
.background{ background-color: rgb(176,  
164, 244) }
```

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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