

Converting Colors

CIELCh(69, 50.155, 303.407)

Have a look what the booklet for
CIELCh(69, 50.155, 303.407)
contains.

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Color

CIELCh(69, 50.241, 303.729)

Conversions

Conversions Part 1

Format	Color
Hex	B39AF4
RGB	179, 154, 244
RGB Percent	70%, 60%, 96%
CMY	0.2971, 0.3952, 0.0422
CMYK	0.27, 0.37, 0.00, 0.04
HSL	257°, 81%, 78%
HSV	257°, 37%, 96%
XYZ	46.6048, 39.3444, 90.9220
YIQ	171.7350, -13.9900, 33.2900

Conversions

Conversions Part 2

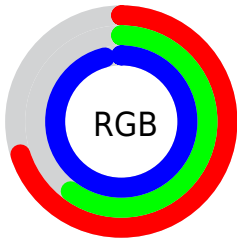
Format	Color
R _Y B	179, 154, 244
Decimal	11770612
CIE Lab	69.00, 27.90, -41.78
CIE LCh	69, 50.241, 303.729
Yxy	39.3444, 0.2635, 0.2224
Android (android.graphics.Color)	4289960692 (0xFFB39AF4)
YUV	171.7350, 35.6266, 6.3714
Hunter-Lab	62.7251, 22.8567, -42.0351

Details

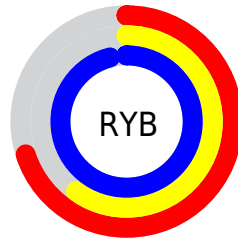
The CIELCh color **69, 50.241, 303.729** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93, 46.406, 118.741**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 25.911, 312.831**, and **49, 49.800, 303.581** is the 20% darker color. If you saturate the color by 10%, you get **62, 64.863, 304.686**, and if you desaturate by 10%, it is **76, 35.981, 302.853**.

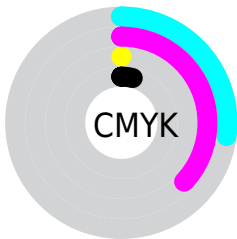
Distribution



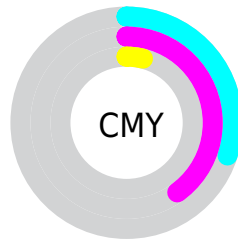
- Red (70%)
- Green (60%)
- Blue (96%)



- Red (70%)
- Yellow (60%)
- Blue (96%)



- Cyan (27%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)





- Cyan (30%)
- Magenta (40%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 50.241, 303.729 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 69, 50.241, 303.729 by changing the saturation by 10% instead.


 69, 50.241,
303.729


 69, 50.241,
303.729


 100, 50.241,
303.729


 59, 50.241,
303.729


 89, 50.241,
303.729

 49, 50.241,
303.729

 99, 50.241,
303.729

 39, 50.241,
303.729

 29, 50.241,
303.729

 19, 50.241,
303.729

 9, 50.241, 303.729

 0, 50.241, 303.729

69, 50.241,
303.729

69, 50.241,
303.729

62, 64.863,
304.686

76, 35.981,
302.853

55, 79.627,
305.689

84, 22.179,
302.071

48, 94.061,
306.666

91, 8.863, 301.381

42, 107.303,
307.491

99, 3.975, 120.799

100, 5.441,
109.757

38, 118.027,
307.983

34, 124.826,
307.957

34, 126.405,
307.903

Harmonies

Complementary

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



69, 50.241, 303.729



93, 46.406, 118.741

Rectangle

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



69, 50.241, 303.729



69, 50.241, 353.729



69, 50.241, 123.729



69, 50.241, 173.729

Sweetspot

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



69, 50.239, 303.729



92, 14.833, 301.658



84, 23.633, 230.846



48, 9.990, 301.752



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 50.239, 303.729



66, 62.826, 304.416



73, 53.696, 319.410



47, 7.394, 301.554



25, 102.893, 308.046



4, 40.766, 306.101

Inverse Universe

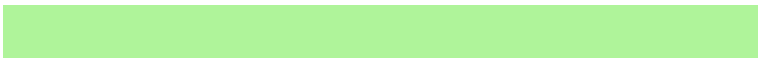
The Inverse Universe completely reimagines the original color for something new.



75, 46.825, 336.083



74, 57.407, 336.689



90, 52.640, 135.843



48, 7.211, 334.013



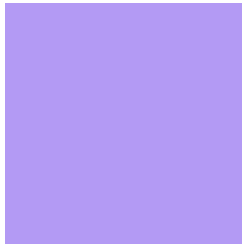
42, 73.921, 343.293



10, 33.708, 340.776

Previews

White Background



This preview shows how the CIELCh color 69, 50.241, 303.729 looks on a white background.

Color Contrast Check

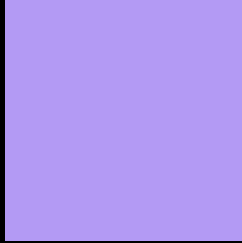
Large Text (above 18pt) WCAG AA × Fail

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 69, 50.241, 303.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

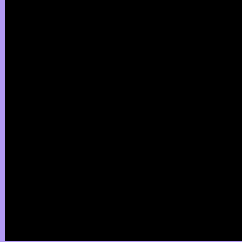
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 50.241, 303.729

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.241, 303.729.




This preview shows how white text looks on a background with the CIELCh color 69, 50.241, 303.729.

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
69, 7.699, 290.961

Trichromacy



Original Color
69, 50.241, 303.729

Protanomaly
69, 48.295, 291.699

Deuteranomaly
69, 44.502, 291.407

Tritanomaly
69, 23.412, 300.090

Monochromacy



Original Color
69, 50.241, 303.729

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 17.912, 302.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.241, 303.729 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, 154, 244)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 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(179, 154, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.241, 303.729 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, 154, 244) }
```

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

```
.border{ border-color:rgb(179, 154, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 244);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.241, 303.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 244) }
```

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

```
.background{ background-color: rgb(179,  
154, 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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