

Converting Colors

CIELCh(69, 47.270, 294.724)

Have a look what the booklet for
CIELCh(69, 47.270, 294.724)
contains.

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Color

CIELCh(69, 47.270, 294.724)

Conversions

Conversions Part 1

Format	Color
Hex	A0A0F6
RGB	160, 160, 246
RGB Percent	63%, 63%, 96%
CMY	0.3719, 0.3720, 0.0347
CMYK	0.35, 0.35, 0.00, 0.03
HSL	240°, 83%, 80%
HSV	240°, 35%, 97%
XYZ	43.7821, 39.3444, 92.6018
YIQ	169.8040, -27.6060, 26.7460

Conversions

Conversions Part 2

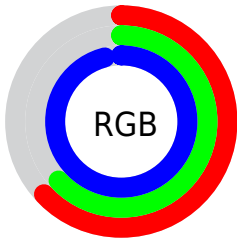
Format	Color
RYB	160, 160, 246
Decimal	10526966
CIELab	69.00, 19.77, -42.94
CIELCh	69, 47.270, 294.724
Yxy	39.3444, 0.2491, 0.2239
Android (android.graphics.Color)	4288717046 (0xFFA0A0F6)
YUV	169.8040, 37.5646, -8.5981
Hunter-Lab	62.7251, 14.8239, -43.6230

Details

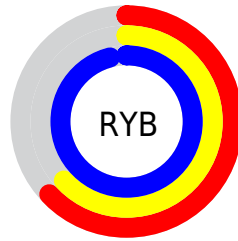
The CIELCh color $69, 47.270, 294.724$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $95, 43.268, 106.786$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 20.982, 293.722$, and $49, 46.898, 294.532$ is the 20% darker color. If you saturate the color by 10%, you get $61, 62.126, 296.553$, and if you desaturate by 10%, it is $77, 33.021, 293.150$.

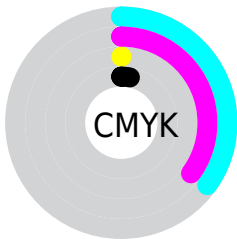
Distribution



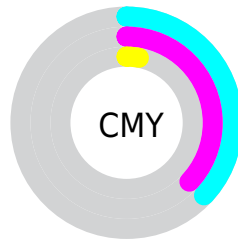
- Red (63%)
- Green (63%)
- Blue (96%)



- Red (63%)
- Yellow (63%)
- Blue (96%)



- Cyan (35%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 47.270, 294.724 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, 47.270, 294.724 by changing the saturation by 10% instead.

■ 69, 47.270,
294.724

■ 69, 47.270,
294.724

■ 100, 47.270,
294.724

■ 59, 47.270,
294.724

■ 89, 47.270,
294.724

■ 49, 47.270,
294.724

■ 99, 47.270,
294.724

■ 39, 47.270,
294.724

■ 29, 47.270,
294.724

■ 19, 47.270,
294.724

■ 9, 47.270, 294.724

■ 0, 47.270, 294.724

69, 47.270,
294.724

69, 47.270,
294.724

61, 62.126,
296.553

77, 33.021,
293.150

53, 77.505,
298.620

85, 19.372,
291.812

46, 93.066,
300.843

93, 6.284, 290.687

40, 107.918,
303.026

100, 4.473,
109.827

35, 120.318,
304.848

32, 128.050,
305.967

31, 130.285,
306.287

Harmonies

Complementary

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



69, 47.270, 294.724



95, 43.268, 106.786

Rectangle

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



69, 47.270, 294.724



69, 47.270, 344.724



69, 47.270, 114.724



69, 47.270, 164.724

Sweetspot

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



69, 47.269, 294.724



92, 13.211, 291.233



92, 27.073, 197.703



48, 9.038, 291.393



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, 47.269, 294.724



65, 59.379, 296.003



73, 48.934, 310.813



47, 7.256, 291.173



22, 105.633, 306.287



3, 39.905, 299.772

Inverse Universe

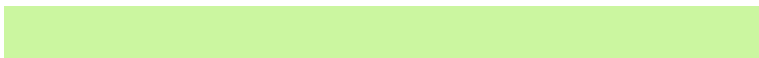
The Inverse Universe completely reimagines the original color for something new.



77, 54.024, 326.338



76, 66.257, 326.695



92, 46.543, 127.419



48, 8.758, 324.947



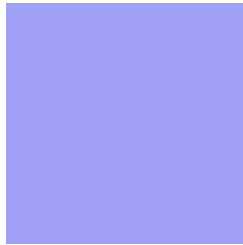
44, 91.221, 328.236



11, 40.558, 328.236

Previews

White Background



This preview shows how the CIELCh color 69, 47.270, 294.724 looks on a white background.

Color Contrast Check

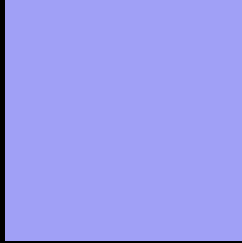
Large Text (above 18pt) WCAG AA × Fail

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, 47.270, 294.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

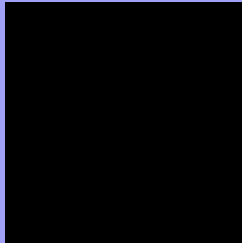
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 47.270, 294.724

Background



This preview shows how black text looks on a background with the CIELCh color 69, 47.270, 294.724.



This preview shows how white text looks on a background with the CIELCh color 69, 47.270, 294.724.

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

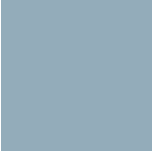
69, 47.270, 294.724

Protanopia

69, 46.915, 285.632

Deuteranopia

69, 43.268, 282.817



Tritanopia
69, 11.459, 241.229

Trichromacy



Original Color
69, 47.270, 294.724

Protanomaly
69, 47.279, 289.115

Deuteranomaly
69, 44.063, 286.799

Tritanomaly
69, 22.440, 278.685

Monochromacy



Original Color
69, 47.270, 294.724

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 17.596, 291.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 47.270, 294.724 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(160, 160, 246)` looks like.

```
.text, #text, p{  
    color:rgb(160, 160, 246)  
}
```

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(160, 160, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 160, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 47.270, 294.724 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(160, 160, 246) }
```

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

```
.border{ border-color:rgb(160, 160, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 160, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 160, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 160, 246);  
box-shadow:4px 4px 4px 4px rgb(160, 160,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 47.270, 294.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 160, 246) }
```

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

```
.background{ background-color: rgb(160,  
160, 246) }
```

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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