

Converting Colors

CIELCh(70, 49.611, 292.731)

Have a look what the booklet for
CIELCh(70, 49.611, 292.731)
contains.

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Color

CIELCh(70, 49.252, 292.476)

Conversions

Conversions Part 1

Format	Color
Hex	9DA4FE
RGB	157, 164, 254
RGB Percent	62%, 64%, 100%
CMY	0.3853, 0.3578, 0.0049
CMYK	0.38, 0.35, 0.00, 0.00
HSL	236°, 97%, 80%
HSV	236°, 38%, 100%
XYZ	44.9379, 40.7494, 99.0471
YIQ	172.1670, -33.0620, 26.5060

Conversions

Conversions Part 2

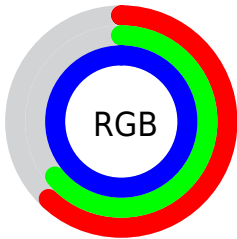
Format	Color
R _Y B	157, 164, 254
Decimal	10331390
CIE Lab	70.00, 18.83, -45.51
CIE LCh	70, 49.252, 292.476
Yxy	40.7494, 0.2433, 0.2206
Android (android.graphics.Color)	4288521470 (0xFF9DA4FE)
YUV	172.1670, 40.3437, -13.3015
Hunter-Lab	63.8353, 13.9463, -47.3100

Details

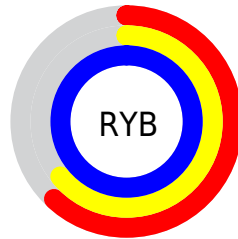
The CIELCh color `70, 49.252, 292.476` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `96, 45.267, 103.109`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 18.849, 286.655`, and `50, 49.621, 292.636` is the 20% darker color. If you saturate the color by 10%, you get `62, 63.429, 294.489`, and if you desaturate by 10%, it is `78, 35.636, 290.741`.

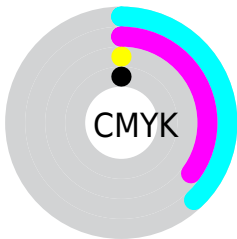
Distribution



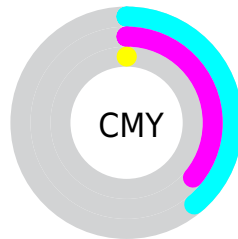
- Red (62%)
- Green (64%)
- Blue (100%)



- Red (62%)
- Yellow (64%)
- Blue (100%)



- Cyan (38%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 49.252, 292.476 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 70, 49.252, 292.476 by changing the saturation by 10% instead.

 70, 49.252,
292.476

 70, 49.252,
292.476


 100, 49.252,
292.476


 60, 49.252,
292.476


 90, 49.252,
292.476

 50, 49.252,
292.476

 40, 49.252,
292.476

 30, 49.252,
292.476

 20, 49.252,
292.476

 10, 49.252,
292.476

 0, 49.252, 292.476

■ 70, 49.252,
292.476

■ 70, 49.252,
292.476

■ 62, 63.429,
294.489

■ 78, 35.636,
290.741

■ 55, 78.120,
296.766

■ 85, 22.565,
289.262

■ 48, 93.071,
299.233

■ 93, 9.997, 288.011

■ 42, 107.586,
301.708

100, 0.626,
110.007

■ 37, 120.254,
303.896

■ 33, 129.130,
305.458

■ 33, 130.212,
305.638

Harmonies

Complementary

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



70, 49.252, 292.476



96, 45.267, 103.109

Rectangle

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



70, 49.252, 292.476



70, 49.252, 342.476



70, 49.252, 112.476



70, 49.252, 162.476

Sweetspot

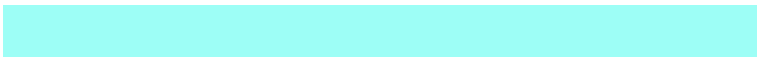
The Sweet Spot groups the original color and five complimentary colors.



70, 49.251, 292.476



91, 13.493, 288.337



94, 30.820, 189.656



48, 9.089, 288.502



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 49.251, 292.476



64, 60.472, 294.020



72, 54.512, 308.312



49, 6.955, 288.159



24, 104.498, 305.432



4, 41.831, 300.498

Inverse Universe

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



75, 38.753, 17.677



70, 47.775, 19.130



95, 51.000, 124.185



50, 5.269, 14.101



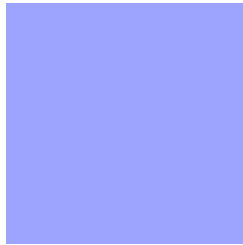
40, 81.230, 37.242



10, 32.797, 24.259

Previews

White Background



This preview shows how the CIELCh color 70, 49.252, 292.476 looks on a white background.

Color Contrast Check

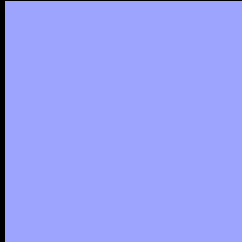
Large Text (above 18pt) WCAG AA × Fail

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 70, 49.252, 292.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

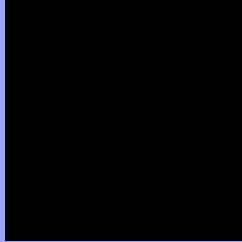
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 49.252, 292.476

Background



This preview shows how black text looks on a background with the CIELCh color 70, 49.252, 292.476.



This preview shows how white text looks on a background with the CIELCh color 70, 49.252, 292.476.

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

70, 49.252, 292.476

Protanopia

70, 47.866, 285.558

Deuteranopia

70, 45.453, 281.955



Tritanopia
70, 13.993, 232.007

Trichromacy



Original Color
70, 49.252, 292.476

Protanomaly
70, 48.804, 288.441

Deuteranomaly
70, 46.741, 285.840

Tritanomaly
70, 24.096, 272.798

Monochromacy



Original Color
70, 49.252, 292.476

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 18.097, 288.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 49.252, 292.476 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(157, 164, 254)` looks like.

```
.text, #text, p{  
    color:rgb(157, 164, 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(157, 164, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 164, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 49.252, 292.476 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(157, 164, 254) }
```

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

```
.border{ border-color:rgb(157, 164, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 164, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 164, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 164, 254);  
box-shadow:4px 4px 4px 4px rgb(157, 164,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 49.252, 292.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 164, 254) }
```

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

```
.background{ background-color: rgb(157,  
164, 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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