

Converting Colors

CIELCh(69, 57.415, 298.112)

Have a look what the booklet for
CIELCh(69, 57.415, 298.112)
contains.

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Color

CIELCh(69, 54.558, 298.118)

Conversions

Conversions Part 1

Format	Color
Hex	A69DFF
RGB	166, 157, 255
RGB Percent	65%, 62%, 100%
CMY	0.3501, 0.3856, 0.0000
CMYK	0.35, 0.39, 0.00, 0.00
HSL	246°, 100%, 81%
HSV	246°, 39%, 100%
XYZ	45.8344, 39.3444, 100.4089
YIQ	170.8630, -26.0940, 32.3860

Conversions

Conversions Part 2

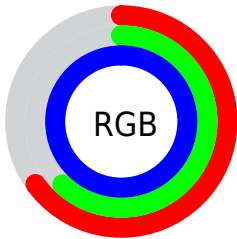
Format	Color
RYB	166, 157, 255
Decimal	10919423
CIELab	69.00, 25.71, -48.12
CIELCh	69, 54.558, 298.118
Yxy	39.3444, 0.2470, 0.2120
Android (android.graphics.Color)	4289109503 (0xFFA69DFF)
YUV	170.8630, 41.4795, -4.2649
Hunter-Lab	62.7251, 20.6645, -51.0024

Details

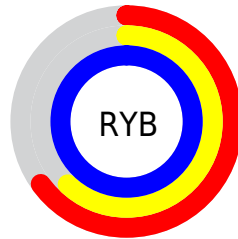
The CIELCh color **69, 54.558, 298.118** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 49.093, 110.589**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 22.924, 301.285**, and **49, 53.918, 297.890** is the 20% darker color. If you saturate the color by 10%, you get **61, 69.578, 299.668**, and if you desaturate by 10%, it is **77, 39.291, 296.742**.

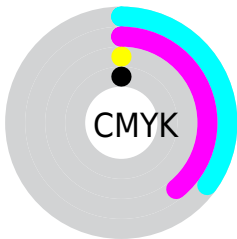
Distribution



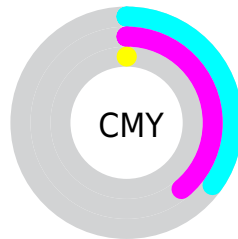
- Red (65%)
- Green (62%)
- Blue (100%)



- Red (65%)
- Yellow (62%)
- Blue (100%)



- Cyan (35%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 54.558, 298.118 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, 54.558, 298.118 by changing the saturation by 10% instead.

 69, 54.558,
298.118


 69, 54.558,
298.118


 100, 54.558,
298.118


 59, 54.558,
298.118

 89, 54.558,
298.118

 49, 54.558,
298.118

 99, 54.558,
298.118

 39, 54.558,
298.118

 29, 54.558,
298.118

 19, 54.558,
298.118

 9, 54.558, 298.118

 0, 54.558, 298.118

69, 54.558,
298.118

69, 54.558,
298.118

61, 69.578,
299.668

77, 39.291,
296.742

53, 85.350,
301.374

85, 25.011,
295.558

46, 100.957,
303.131

93, 11.309,
294.546

40, 115.273,
304.743

100, 0.012,
296.813

36, 126.423,
305.922

33, 132.664,
306.450

33, 133.327,
306.511

Harmonies

Complementary

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



69, 54.558, 298.118



97, 49.093, 110.589

Rectangle

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



69, 54.558, 298.118



69, 54.558, 348.118



69, 54.558, 118.118



69, 54.558, 168.118

Sweetspot

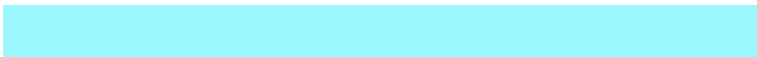
The Sweet Spot groups the original color and five complimentary colors.



69, 54.161, 298.112



90, 15.958, 294.876



92, 27.835, 206.562



47, 10.612, 295.006



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, 54.161, 298.112



63, 65.584, 299.253



73, 56.396, 313.690



49, 7.524, 294.634



23, 107.282, 306.572



4, 44.342, 303.567

Inverse Universe

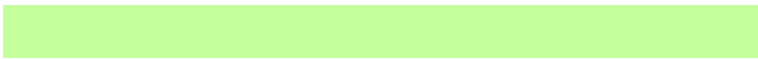
The Inverse Universe completely reimagines the original color for something new.



77, 57.465, 329.282



73, 67.780, 329.708



94, 53.941, 130.118



50, 8.504, 327.557



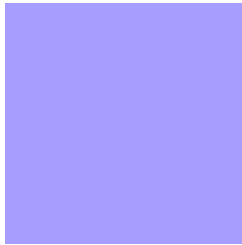
44, 86.588, 332.279



12, 40.182, 331.749

Previews

White Background



This preview shows how the CIELCh color 69, 54.558, 298.118 looks on a white background.

Color Contrast Check

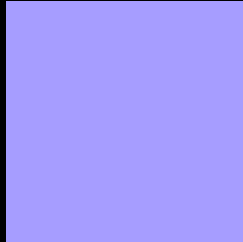
Large Text (above 18pt) WCAG AA × Fail

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, 54.558, 298.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

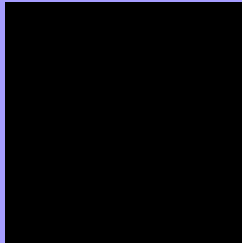
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 54.558, 298.118

Background



This preview shows how black text looks on a background with the CIELCh color 69, 54.558, 298.118.



This preview shows how white text looks on a background with the CIELCh color 69, 54.558, 298.118.

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, 53.964, 298.089

Protanopia

69, 49.667, 285.606

Deuteranopia

69, 47.805, 282.102



Tritanopia
69, 10.514, 246.225

Trichromacy



Original Color
69, 53.964, 298.089

Protanomaly
69, 51.074, 290.297

Deuteranomaly
69, 50.074, 288.206

Tritanomaly
69, 24.328, 284.748

Monochromacy



Original Color
69, 53.964, 298.089

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 19.830, 295.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 54.558, 298.118 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(166, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 255)  
}
```

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(166, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 54.558, 298.118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

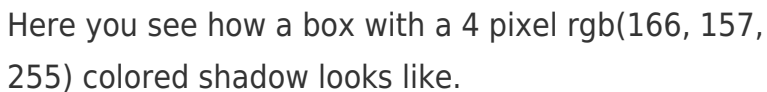
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 157, 255) }
```

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

```
.border{ border-color:rgb(166, 157, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 54.558, 298.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 255) }
```

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

```
.background{ background-color: rgb(166,  
157, 255) }
```

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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