

Converting Colors

CIELCh(68, 55.082, 294.888)

Have a look what the booklet for
CIELCh(68, 55.082, 294.888)
contains.

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Color

CIELCh(68, 54.514, 294.826)

Conversions

Conversions Part 1

Format	Color
Hex	9A9CFF
RGB	154, 156, 255
RGB Percent	60%, 61%, 100%
CMY	0.3952, 0.3874, 0.0000
CMYK	0.40, 0.39, 0.00, 0.00
HSL	239°, 100%, 80%
HSV	239°, 40%, 100%
XYZ	43.3777, 37.9720, 99.8421
YIQ	166.6880, -32.9710, 30.3650

Conversions

Conversions Part 2

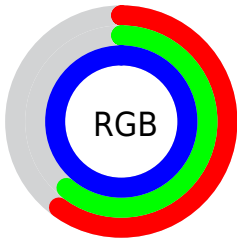
Format	Color
RYB	154, 156, 255
Decimal	10132735
CIELab	68.00, 22.89, -49.48
CIElCh	68, 54.514, 294.826
Yxy	37.9720, 0.2394, 0.2096
Android (android.graphics.Color)	4288322815 (0xFF9A9CFF)
YUV	166.6880, 43.5378, -11.1274
Hunter-Lab	61.6215, 17.8154, -52.9296

Details

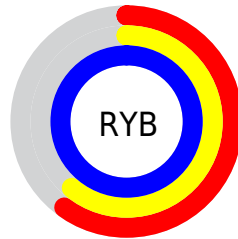
The CIELCh color `68, 54.514, 294.826` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `98, 49.236, 105.474`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 23.696, 293.749`, and `48, 54.633, 294.918` is the 20% darker color. If you saturate the color by 10%, you get `60, 69.613, 296.790`, and if you desaturate by 10%, it is `76, 39.766, 293.100`.

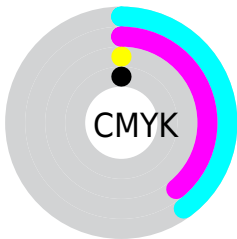
Distribution



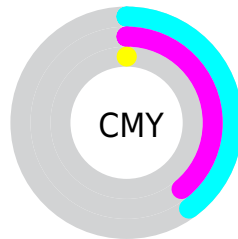
- Red (60%)
- Green (61%)
- Blue (100%)



- Red (60%)
- Yellow (61%)
- Blue (100%)



- Cyan (40%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)




- Cyan (40%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 54.514, 294.826 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 68, 54.514, 294.826 by changing the saturation by 10% instead.

 68, 54.514,
294.826

 68, 54.514,
294.826


 100, 54.514,
294.826


 58, 54.514,
294.826


 88, 54.514,
294.826

 48, 54.514,
294.826

 98, 54.514,
294.826

 38, 54.514,
294.826

 28, 54.514,
294.826

 18, 54.514,
294.826

 8, 54.514, 294.826

 0, 54.514, 294.826

■ 68, 54.514,
294.826

■ 68, 54.514,
294.826

■ 60, 69.613,
296.790

■ 76, 39.766,
293.100

■ 52, 85.289,
298.993

■ 84, 25.752,
291.636

■ 45, 100.932,
301.302

■ 92, 12.312,
290.398

■ 39, 115.391,
303.479

100, 0.012,
296.813

■ 35, 126.671,
305.177

■ 33, 132.841,
306.101

■ 33, 133.044,
306.129

Harmonies

Complementary

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



68, 54.514, 294.826



98, 49.236, 105.474

Rectangle

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



68, 54.514, 294.826



68, 54.514, 344.826



68, 54.514, 114.826



68, 54.514, 164.826

Sweetspot

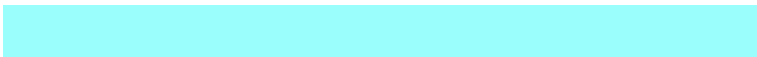
The Sweet Spot groups the original color and five complimentary colors.



68, 54.390, 294.814



90, 15.594, 290.686



94, 31.174, 194.276



47, 10.370, 290.842



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 54.390, 294.814



62, 65.725, 296.269



71, 56.975, 310.001



49, 7.352, 290.397



23, 106.892, 306.060



4, 43.503, 301.436

Inverse Universe

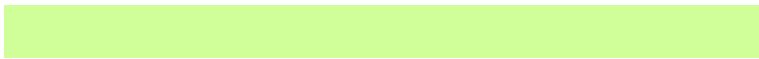
The Inverse Universe completely reimagines the original color for something new.



74, 40.746, 21.847



70, 49.563, 23.215



95, 53.534, 125.990



49, 5.252, 18.350



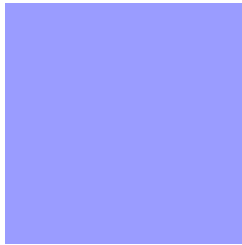
40, 83.345, 39.229



10, 33.204, 26.392

Previews

White Background



This preview shows how the CIELCh color 68, 54.514, 294.826 looks on a white background.

Color Contrast Check

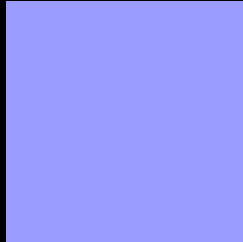
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 54.514, 294.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

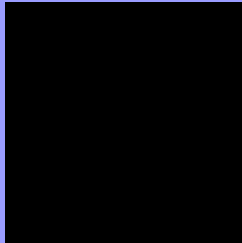
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 54.514, 294.826

Background



This preview shows how black text looks on a background with the CIELCh color 68, 54.514, 294.826.



This preview shows how white text looks on a background with the CIELCh color 68, 54.514, 294.826.

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

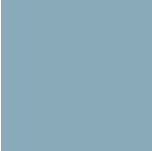
68, 54.514, 294.826

Protanopia

68, 51.444, 285.972

Deuteranopia

68, 49.157, 281.277



Tritanopia
68, 13.780, 232.844

Trichromacy



Original Color
68, 54.514, 294.826

Protanomaly
68, 52.353, 289.143

Deuteranomaly
68, 50.850, 286.359

Tritanomaly
68, 25.091, 275.354

Monochromacy



Original Color
68, 54.514, 294.826

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.852, 291.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 54.514, 294.826 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(154, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 156, 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(154, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 156, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 54.514, 294.826 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(154, 156, 255) }
```

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

```
.border{ border-color:rgb(154, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 156,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 54.514, 294.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 156, 255) }
```

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

```
.background{ background-color: rgb(154,  
156, 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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