

Converting Colors

CIELCh(68, 53.623, 294.835)

Have a look what the booklet for
CIELCh(68, 53.623, 294.835)
contains.

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Color

CIELCh(68, 53.973, 295.071)

Conversions

Conversions Part 1

Format	Color
Hex	9B9CFE
RGB	155, 156, 254
RGB Percent	61%, 61%, 100%
CMY	0.3916, 0.3877, 0.0033
CMYK	0.39, 0.39, 0.00, 0.00
HSL	239°, 98%, 80%
HSV	239°, 39%, 100%
XYZ	43.3717, 37.9720, 98.9379
YIQ	166.8730, -32.0540, 30.2660

Conversions

Conversions Part 2

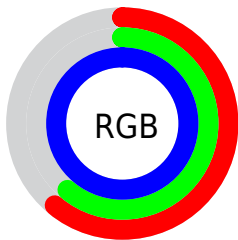
Format	Color
RYB	155, 156, 254
Decimal	10198270
CIELab	68.00, 22.87, -48.89
CIELCh	68, 53.973, 295.071
Yxy	37.9720, 0.2406, 0.2106
Android (android.graphics.Color)	4288388350 (0xFF9B9CFE)
YUV	166.8730, 42.9536, -10.4126
Hunter-Lab	61.6215, 17.7979, -52.0596

Details

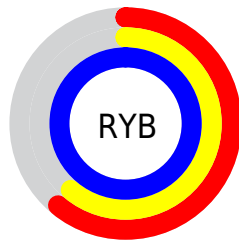
The CIELCh color `68, 53.973, 295.071` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `98, 48.855, 105.962`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 23.696, 293.749`, and `48, 54.053, 295.103` is the 20% darker color. If you saturate the color by 10%, you get `60, 69.288, 297.019`, and if you desaturate by 10%, it is `76, 39.260, 293.381`.

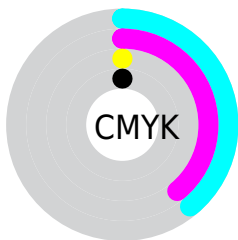
Distribution



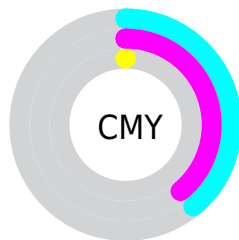
- Red (61%)
- Green (61%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 53.973, 295.071 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, 53.973, 295.071 by changing the saturation by 10% instead.


 68, 53.973,
295.071


 68, 53.973,
295.071


 100, 53.973,
295.071


 58, 53.973,
295.071


 88, 53.973,
295.071

 48, 53.973,
295.071

 98, 53.973,
295.071

 38, 53.973,
295.071

 28, 53.973,
295.071

 18, 53.973,
295.071

 8, 53.973, 295.071

 0, 53.973, 295.071

■ 68, 53.973,
295.071

■ 68, 53.973,
295.071

■ 60, 69.288,
297.019

■ 76, 39.260,
293.381

■ 52, 85.058,
299.191

■ 84, 25.165,
291.940

■ 45, 100.787,
301.467

■ 92, 11.652,
290.722

■ 39, 115.296,
303.605

■ 100, 0.418,
109.961

■ 35, 126.552,
305.259

■ 32, 132.636,
306.144

■ 32, 133.086,
306.207

Harmonies

Complementary

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



68, 53.973, 295.071



98, 48.855, 105.962

Rectangle

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



68, 53.973, 295.071



68, 53.973, 345.071



68, 53.973, 115.071



68, 53.973, 165.071

Sweetspot

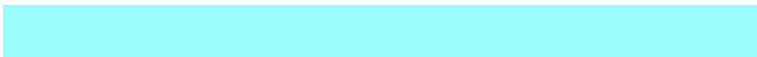
The Sweet Spot groups the original color and five complimentary colors.



68, 53.972, 295.071



90, 15.752, 291.071



94, 30.555, 195.916



47, 10.476, 291.227



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, 53.972, 295.071



62, 66.433, 296.621



72, 56.084, 310.502



49, 7.427, 290.784



23, 107.328, 306.172



3, 43.811, 301.597

Inverse Universe

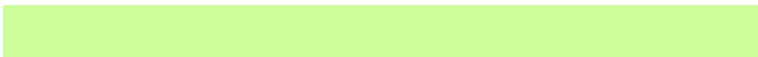
The Inverse Universe completely reimagines the original color for something new.



74, 40.068, 22.472



70, 49.708, 23.917



95, 52.873, 126.625



49, 5.253, 19.136



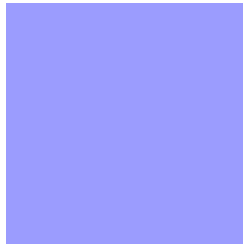
40, 83.772, 39.605



10, 33.284, 26.780

Previews

White Background



This preview shows how the CIELCh color 68, 53.973, 295.071 looks on a white background.

Color Contrast Check

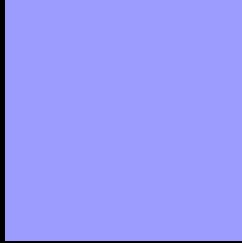
Large Text (above 18pt) WCAG AA × Fail

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 68, 53.973, 295.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

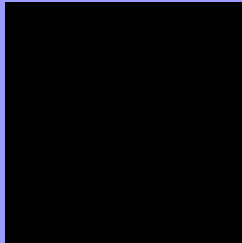
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 53.973, 295.071

Background



This preview shows how black text looks on a background with the CIELCh color 68, 53.973, 295.071.



This preview shows how white text looks on a background with the CIELCh color 68, 53.973, 295.071.

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
68, 13.256, 231.506

Trichromacy



Original Color
68, 53.973, 295.071

Protanomaly
68, 52.353, 289.143

Deuteranomaly
68, 50.288, 286.479

Tritanomaly
68, 25.013, 276.037

Monochromacy



Original Color
68, 53.973, 295.071

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.855, 292.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 53.973, 295.071 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(155, 156, 254)` looks like.

```
.text, #text, p{  
    color:rgb(155, 156, 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(155, 156, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 156, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 53.973, 295.071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

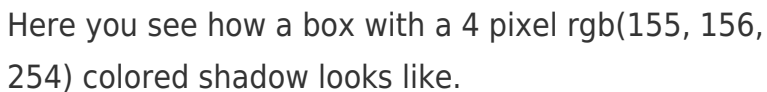
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 156, 254) }
```

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

```
.border{ border-color:rgb(155, 156, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 156, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 156, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 156, 254); box-shadow:4px 4px 4px 4px rgb(155, 156, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 53.973, 295.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 156, 254) }
```

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

```
.background{ background-color: rgb(155,  
156, 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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