

Converting Colors

CIELCh(68, 54.283, 294.329)

Have a look what the booklet for
CIELCh(68, 54.283, 294.329)
contains.

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Color

CIELCh(68, 53.924, 294.155)

Conversions

Conversions Part 1

Format	Color
Hex	999DFF
RGB	153, 157, 255
RGB Percent	60%, 62%, 100%
CMY	0.4011, 0.3853, 0.0011
CMYK	0.40, 0.38, 0.00, 0.00
HSL	238°, 99%, 80%
HSV	238°, 40%, 100%
XYZ	43.1003, 37.9720, 99.4208
YIQ	166.9760, -33.8420, 29.6300

Conversions

Conversions Part 2

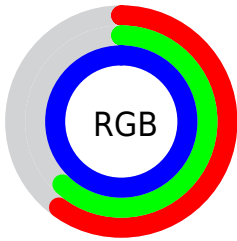
Format	Color
R _Y B	153, 157, 255
Decimal	10067455
CIE Lab	68.00, 22.07, -49.20
CIE LCh	68, 53.924, 294.155
Yxy	37.9720, 0.2388, 0.2104
Android (android.graphics.Color)	4288257535 (0xFF999DFF)
YUV	166.9760, 43.3958, -12.2570
Hunter-Lab	61.6215, 17.0118, -52.5242

Details

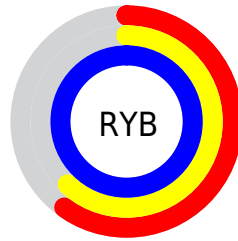
The CIELCh color `68, 53.924, 294.155` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 48.933, 104.517`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 23.133, 292.103`, and `48, 54.011, 294.243` is the 20% darker color. If you saturate the color by 10%, you get `60, 68.820, 296.172`, and if you desaturate by 10%, it is `76, 39.612, 292.406`.

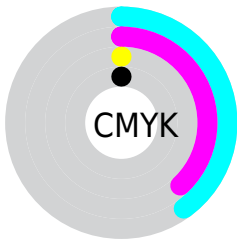
Distribution



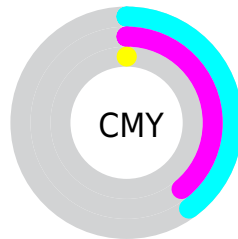
- Red (60%)
- Green (62%)
- Blue (100%)



- Red (60%)
- Yellow (62%)
- Blue (100%)



- Cyan (40%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 53.924, 294.155 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, 53.924, 294.155 by changing the saturation by 10% instead.


 68, 53.924,
294.155


 68, 53.924,
294.155


 100, 53.924,
294.155


 58, 53.924,
294.155


 88, 53.924,
294.155

 48, 53.924,
294.155

 98, 53.924,
294.155

 38, 53.924,
294.155

 28, 53.924,
294.155

 18, 53.924,
294.155

 8, 53.924, 294.155

 0, 53.924, 294.155

68, 53.924,
294.155

68, 53.924,
294.155

60, 68.820,
296.172

76, 39.612,
292.406

53, 84.181,
298.425

84, 25.889,
290.913

46, 99.576,
300.802

92, 12.720,
289.649

40, 113.963,
303.075

100, 0.061,
290.136

35, 125.489,
304.907

100, 0.135,
109.596

33, 132.166,
305.970

Harmonies

Complementary

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



68, 53.924, 294.155



97, 48.933, 104.517

Rectangle

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



68, 53.924, 294.155



68, 53.924, 344.155



68, 53.924, 114.155



68, 53.924, 164.155

Sweetspot

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



68, 53.923, 294.155



90, 15.274, 289.880



94, 31.681, 192.649



47, 10.157, 290.039



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, 53.923, 294.155



62, 65.798, 295.740



71, 57.596, 309.499



49, 7.203, 289.587



23, 106.018, 305.834



4, 42.878, 301.098

Inverse Universe

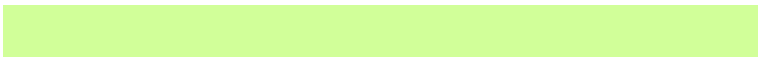
The Inverse Universe completely reimagines the original color for something new.



74, 41.143, 20.467



69, 50.473, 21.985



95, 53.939, 125.351



49, 5.255, 16.757



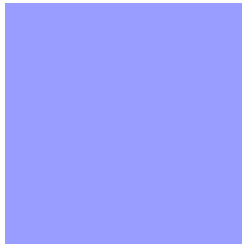
40, 82.532, 38.491



10, 33.047, 25.600

Previews

White Background



This preview shows how the CIELCh color 68, 53.924, 294.155 looks on a white background.

Color Contrast Check

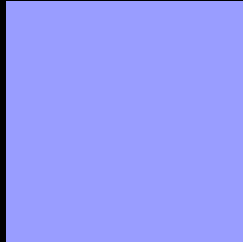
Large Text (above 18pt) WCAG AA × Fail

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, 53.924, 294.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

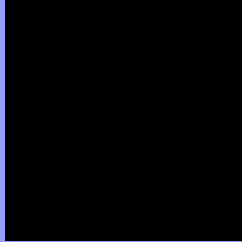
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 53.924, 294.155

Background



This preview shows how black text looks on a background with the CIELCh color 68, 53.924, 294.155.



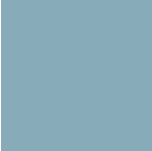
This preview shows how white text looks on a background with the CIELCh color 68, 53.924, 294.155.

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, 14.045, 232.096

Trichromacy



Original Color
68, 53.924, 294.155

Protanomaly
68, 52.353, 289.143

Deuteranomaly
68, 50.881, 286.078

Tritanomaly
68, 25.172, 274.678

Monochromacy



Original Color
68, 53.924, 294.155

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, 53.924, 294.155 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(153, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 157, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 53.924, 294.155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

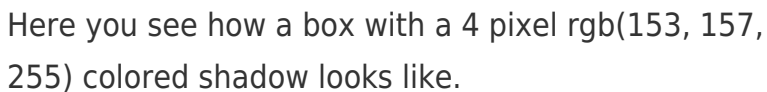
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 157, 255) }
```

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

```
.border{ border-color:rgb(153, 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(153, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 157,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 53.924, 294.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 157, 255) }
```

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

```
.background{ background-color: rgb(153,  
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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