

Converting Colors

CIELCh(68, 53.936, 293.568)

Have a look what the booklet for
CIELCh(68, 53.936, 293.568)
contains.

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Color

CIELCh(68, 53.936, 293.568)

Conversions

Conversions Part 1

Format	Color
Hex	979DFF
RGB	151, 157, 255
RGB Percent	59%, 62%, 100%
CMY	0.4073, 0.3839, 0.0000
CMYK	0.41, 0.38, 0.00, 0.00
HSL	237°, 100%, 80%
HSV	237°, 41%, 100%
XYZ	42.9321, 37.9720, 99.7817
YIQ	166.3780, -35.0340, 29.2060

Conversions

Conversions Part 2

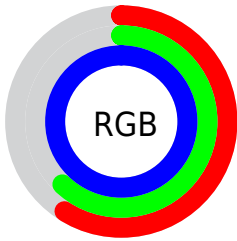
Format	Color
RYB	151, 157, 255
Decimal	9936383
CIELab	68.00, 21.57, -49.44
CIELCh	68, 53.936, 293.568
Yxy	37.9720, 0.2376, 0.2102
Android (android.graphics.Color)	4288126463 (0xFF979DFF)
YUV	166.3780, 43.6906, -13.4865
Hunter-Lab	61.6215, 16.5245, -52.8714

Details

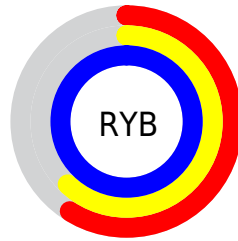
The CIELCh color **68, 53.936, 293.568** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 48.975, 103.571**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 23.131, 290.473**, and **48, 54.053, 293.452** is the 20% darker color. If you saturate the color by 10%, you get **60, 68.497, 295.621**, and if you desaturate by 10%, it is **76, 39.808, 291.772**.

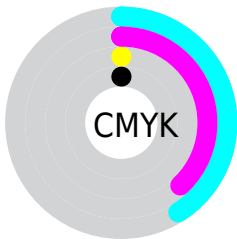
Distribution



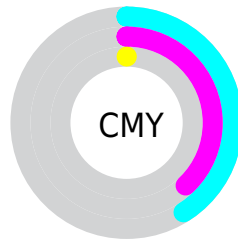
- Red (59%)
- Green (62%)
- Blue (100%)



- Red (59%)
- Yellow (62%)
- Blue (100%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (38%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 53.936, 293.568 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, 53.936, 293.568 by changing the saturation by 10% instead.


 68, 53.936,
293.568


 68, 53.936,
293.568


 100, 53.936,
293.568


 58, 53.936,
293.568


 88, 53.936,
293.568

 48, 53.936,
293.568

 98, 53.936,
293.568

 38, 53.936,
293.568

 28, 53.936,
293.568

 18, 53.936,
293.568

 8, 53.936, 293.568

 0, 53.936, 293.568

68, 53.936,
293.568

68, 53.936,
293.568

60, 68.497,
295.621

76, 39.808,
291.772

53, 83.594,
297.927

84, 26.321,
290.245

46, 98.767,
300.369

92, 13.369,
288.950

40, 113.056,
302.725

99, 0.909, 287.956

35, 124.718,
304.667

100, 0.012,
296.813

33, 131.486,
305.804

Harmonies

Complementary

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



68, 53.936, 293.568



97, 48.975, 103.571

Rectangle

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



68, 53.936, 293.568



68, 53.936, 343.568



68, 53.936, 113.568



68, 53.936, 163.568

Sweetspot

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



68, 53.866, 293.560



91, 14.980, 289.102



94, 32.389, 191.022



47, 9.960, 289.262



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, 53.866, 293.560



62, 65.920, 295.244



70, 58.591, 309.011



49, 7.065, 288.806



24, 105.215, 305.623



4, 42.296, 300.771

Inverse Universe

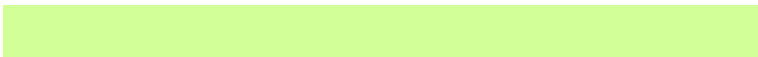
The Inverse Universe completely reimagines the original color for something new.



73, 41.844, 19.218



69, 51.407, 20.854



95, 54.667, 124.695



50, 5.261, 15.279



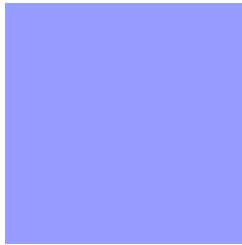
40, 81.828, 37.826



10, 32.906, 24.857

Previews

White Background



This preview shows how the CIELCh color 68, 53.936, 293.568 looks on a white background.

Color Contrast Check

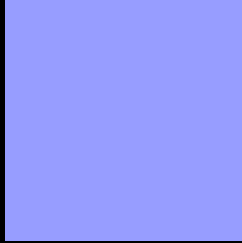
Large Text (above 18pt) WCAG AA × Fail

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, 53.936, 293.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

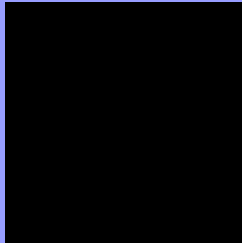
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 53.936, 293.568

Background



This preview shows how black text looks on a background with the CIELCh color 68, 53.936, 293.568.



This preview shows how white text looks on a background with the CIELCh color 68, 53.936, 293.568.

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, 53.936, 293.568

Protanopia
68, 51.444, 285.972

Deuteranopia
68, 49.157, 281.277



Tritanopia
68, 14.609, 228.018

Trichromacy



Original Color
68, 53.936, 293.568

Protanomaly
68, 52.376, 288.860

Deuteranomaly
68, 50.881, 286.078

Tritanomaly
68, 24.902, 272.125

Monochromacy



Original Color
68, 53.936, 293.568

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.306, 290.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 53.936, 293.568 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(151, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 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(151, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 157, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 53.936, 293.568 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(151, 157, 255) }
```

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

```
.border{ border-color:rgb(151, 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(151, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 157,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 53.936, 293.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 157, 255) }
```

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

```
.background{ background-color: rgb(151,  
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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