

Converting Colors

CIELCh(70, 50.319, 293.608)

Have a look what the booklet for
CIELCh(70, 50.319, 293.608)
contains.

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Color

CIELCh(70, 50.362, 293.623)

Conversions

Conversions Part 1

Format	Color
Hex	9FA3FF
RGB	159, 163, 255
RGB Percent	62%, 64%, 100%
CMY	0.3767, 0.3610, 0.0003
CMYK	0.38, 0.36, 0.00, 0.00
HSL	237°, 100%, 81%
HSV	237°, 38%, 100%
XYZ	45.4075, 40.7494, 100.0177
YIQ	172.2920, -31.9160, 27.7640

Conversions

Conversions Part 2

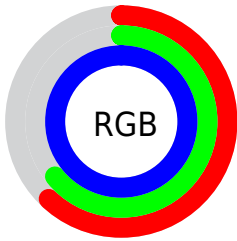
Format	Color
RYB	159, 163, 255
Decimal	10462207
CIELab	70.00, 20.18, -46.14
CIElCh	70, 50.362, 293.623
Yxy	40.7494, 0.2439, 0.2189
Android (android.graphics.Color)	4288652287 (0xFF9FA3FF)
YUV	172.2920, 40.7750, -11.6571
Hunter-Lab	63.8353, 15.2594, -48.2115

Details

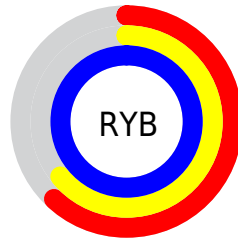
The CIELCh color `70, 50.362, 293.623` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 46.059, 104.646`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 19.343, 289.787`, and `50, 50.788, 293.794` is the 20% darker color. If you saturate the color by 10%, you get `62, 65.093, 295.580`, and if you desaturate by 10%, it is `78, 36.220, 291.935`.

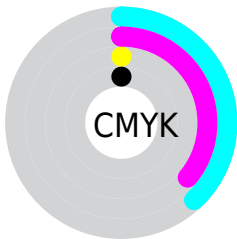
Distribution



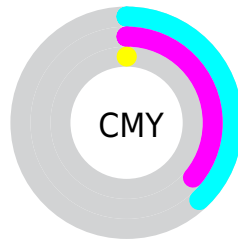
- Red (62%)
- Green (64%)
- Blue (100%)



- Red (62%)
- Yellow (64%)
- Blue (100%)



- Cyan (38%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (38%)
- Magenta (36%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 50.362, 293.623 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 70, 50.362, 293.623 by changing the saturation by 10% instead.


 70, 50.362,
293.623

 70, 50.362,
293.623


 100, 50.362,
293.623


 60, 50.362,
293.623


 90, 50.362,
293.623

 50, 50.362,
293.623

 40, 50.362,
293.623

 30, 50.362,
293.623

 20, 50.362,
293.623

 10, 50.362,
293.623

 0, 50.362, 293.623

70, 50.362,
293.623

70, 50.362,
293.623

62, 65.093,
295.580

78, 36.220,
291.935

55, 80.338,
297.787

86, 22.660,
290.497

47, 95.771,
300.158

94, 9.640, 289.282

41, 110.541,
302.495

100, 0.025,
107.134

36, 122.996,
304.482

33, 131.037,
305.784

33, 132.163,
305.952

Harmonies

Complementary

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



70, 50.362, 293.623



97, 46.059, 104.646

Rectangle

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



70, 50.362, 293.623



70, 50.362, 343.623



70, 50.362, 113.623



70, 50.362, 163.623

Sweetspot

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



70, 50.361, 293.623



91, 13.940, 289.665



94, 30.122, 192.799



48, 9.391, 289.827



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 50.361, 293.623



64, 61.140, 295.034



73, 54.068, 309.352



49, 7.185, 289.491



23, 105.917, 305.807



4, 42.805, 301.058

Inverse Universe

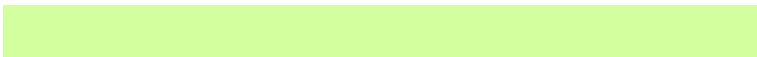
The Inverse Universe completely reimagines the original color for something new.



75, 38.422, 19.897



71, 46.921, 21.206



95, 50.860, 125.464



49, 5.256, 16.571



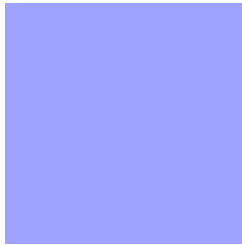
40, 82.441, 38.406



10, 33.029, 25.506

Previews

White Background



This preview shows how the CIELCh color 70, 50.362, 293.623 looks on a white background.

Color Contrast Check

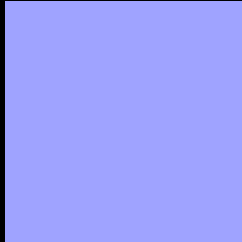
Large Text (above 18pt) WCAG AA × Fail

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 70, 50.362, 293.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

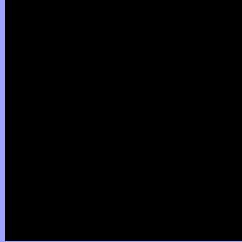
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 50.362, 293.623

Background



This preview shows how black text looks on a background with the CIELCh color 70, 50.362, 293.623.



This preview shows how white text looks on a background with the CIELCh color 70, 50.362, 293.623.

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

70, 50.362, 293.623

Protanopia

70, 47.866, 285.558

Deuteranopia

70, 46.019, 281.874

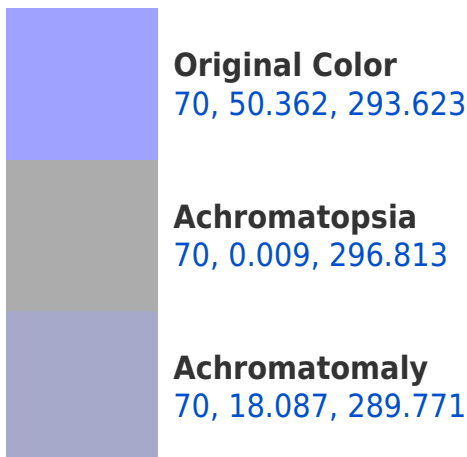


Tritanopia
70, 13.209, 234.363

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 50.362, 293.623 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(159, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 163, 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(159, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 163, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 50.362, 293.623 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(159, 163, 255) }
```

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

```
.border{ border-color:rgb(159, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 163,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 50.362, 293.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 163, 255) }
```

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

```
.background{ background-color: rgb(159,  
163, 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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