

Converting Colors

CIELCh(62, 63.535, 293.428)

Have a look what the booklet for
CIELCh(62, 63.535, 293.428)
contains.

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Color

CIELCh(62, 63.770, 293.403)

Conversions

Conversions Part 1

Format	Color
Hex	7E8CFE
RGB	126, 140, 254
RGB Percent	49%, 55%, 100%
CMY	0.5053, 0.4505, 0.0034
CMYK	0.50, 0.45, 0.00, 0.00
HSL	233°, 99%, 75%
HSV	233°, 50%, 100%
XYZ	35.9322, 30.4025, 97.8559
YIQ	148.8100, -44.9380, 32.4860

Conversions

Conversions Part 2

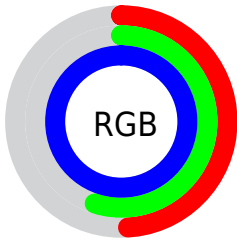
Format	Color
R _Y B	126, 139, 254
Decimal	8293630
CIE Lab	62.00, 25.33, -58.52
CIE LCh	62, 63.770, 293.403
Yxy	30.4025, 0.2188, 0.1852
Android (android.graphics.Color)	4286483710 (0xFF7E8CFE)
YUV	148.8100, 51.8587, -20.0044
Hunter-Lab	55.1385, 19.8309, -66.6267

Details

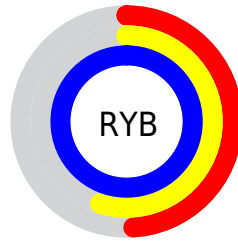
The CIELCh color **62, 63.770, 293.403** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94, 57.069, 99.871**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.134, 288.718**, and **42, 64.210, 293.542** is the 20% darker color. If you saturate the color by 10%, you get **55, 77.927, 295.808**, and if you desaturate by 10%, it is **69, 50.103, 291.277**.

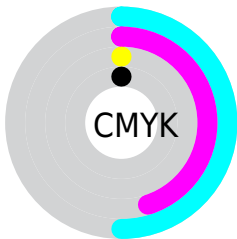
Distribution



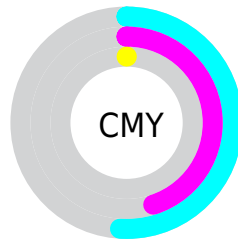
- Red (49%)
- Green (55%)
- Blue (100%)



- Red (49%)
- Yellow (55%)
- Blue (100%)



- Cyan (50%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 63.770, 293.403 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 62, 63.770, 293.403 by changing the saturation by 10% instead.


 62, 63.770,
293.403


 62, 63.770,
293.403


 100, 63.770,
293.403


 52, 63.770,
293.403


 82, 63.770,
293.403

 42, 63.770,
293.403

 92, 63.770,
293.403

 32, 63.770,
293.403

 22, 63.770,
293.403

 12, 63.770,
293.403

 2, 63.770, 293.403

 0, 63.770, 293.403

62, 63.770,
293.403

62, 63.770,
293.403

55, 77.927,
295.808

69, 50.103,
291.277

48, 92.359,
298.412

77, 36.965,
289.440

42, 106.454,
301.038

84, 24.333,
287.872

37, 118.958,
303.401

92, 12.167,
286.541

34, 127.884,
305.100

99, 0.430, 285.700

100, 0.426,
109.964

Harmonies

Complementary

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



62, 63.770, 293.403



94, 57.069, 99.871

Rectangle

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



62, 63.770, 293.403



62, 63.770, 343.403



62, 63.770, 113.403



62, 63.770, 163.403

Sweetspot

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



62, 63.769, 293.404



89, 17.802, 287.131



92, 39.281, 185.538



46, 12.191, 287.414



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 63.769, 293.404



55, 77.620, 295.719



63, 72.625, 308.128



49, 6.684, 286.437



25, 102.271, 304.826



5, 40.655, 299.770

Inverse Universe

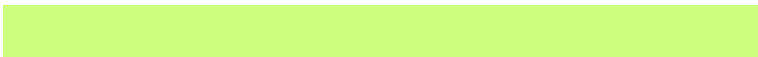
The Inverse Universe completely reimagines the original color for something new.



68, 52.281, 17.315



63, 63.190, 19.844



94, 65.826, 122.346



50, 5.298, 11.148



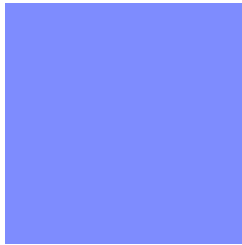
40, 79.533, 35.476



10, 32.539, 22.733

Previews

White Background



This preview shows how the CIELCh color 62, 63.770, 293.403 looks on a white background.

Color Contrast Check

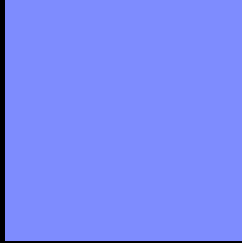
Large Text (above 18pt) WCAG AA × Fail

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 62, 63.770, 293.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

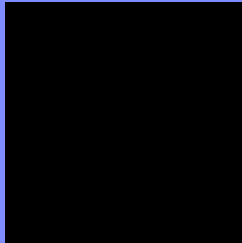
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 63.770, 293.403

Background



This preview shows how black text looks on a background with the CIELCh color 62, 63.770, 293.403.

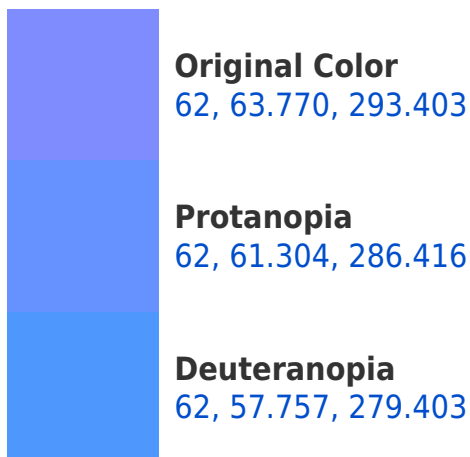


This preview shows how white text looks on a background with the CIELCh color 62, 63.770, 293.403.

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
62, 20.274, 219.153

Trichromacy



Original Color
62, 63.770, 293.403

Protanomaly
62, 62.225, 288.947

Deuteranomaly
62, 59.852, 284.523

Tritanomaly
62, 30.208, 268.299

Monochromacy



Original Color
62, 63.770, 293.403

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 23.085, 288.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 63.770, 293.403 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(126, 140, 254)` looks like.

```
.text, #text, p{  
    color:rgb(126, 140, 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(126, 140, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 140, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 63.770, 293.403 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(126, 140, 254) }
```

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

```
.border{ border-color:rgb(126, 140, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 140, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 140, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 140, 254);  
box-shadow:4px 4px 4px 4px rgb(126, 140,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 63.770, 293.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 140, 254) }
```

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

```
.background{ background-color: rgb(126,  
140, 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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