

Converting Colors

CIELCh(63, 59.205, 292.817)

Have a look what the booklet for
CIELCh(63, 59.205, 292.817)
contains.

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Color

CIELCh(63, 59.140, 292.776)

Conversions

Conversions Part 1

Format	Color
Hex	8390FA
RGB	131, 144, 250
RGB Percent	51%, 56%, 98%
CMY	0.4871, 0.4360, 0.0204
CMYK	0.48, 0.42, 0.00, 0.02
HSL	233°, 92%, 75%
HSV	233°, 48%, 98%
XYZ	36.4944, 31.5869, 94.4419
YIQ	152.1970, -41.7740, 30.2100

Conversions

Conversions Part 2

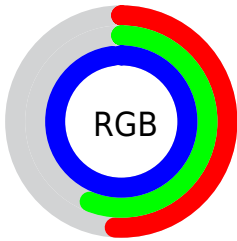
Format	Color
RYB	131, 143, 250
Decimal	8622330
CIELab	63.00, 22.89, -54.53
CIELCh	63, 59.140, 292.776
Yxy	31.5869, 0.2245, 0.1944
Android (android.graphics.Color)	4286812410 (0xFF8390FA)
YUV	152.1970, 48.2169, -18.5898
Hunter-Lab	56.2022, 17.5534, -60.2889

Details

The CIELCh color $63, 59.140, 292.776$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $93, 53.402, 100.159$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 30.370, 287.392$, and $43, 59.209, 292.858$ is the 20% darker color. If you saturate the color by 10%, you get $56, 72.973, 295.106$, and if you desaturate by 10%, it is $70, 45.810, 290.732$.

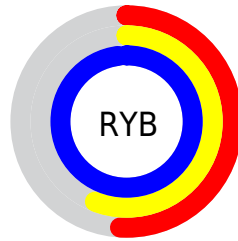
Distribution



Red (51%)

Green (56%)

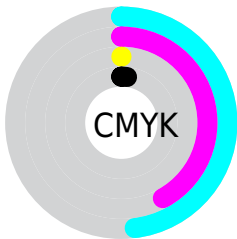
Blue (98%)



Red (51%)

Yellow (56%)

Blue (98%)

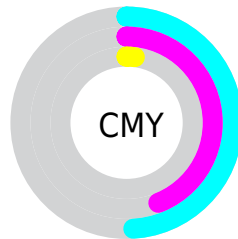


Cyan (48%)

Magenta (42%)

Yellow (0%)

Black (2%)



Cyan (49%)


Magenta (44%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 59.140, 292.776 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 63, 59.140, 292.776 by changing the saturation by 10% instead.


 63, 59.140,
292.776


 63, 59.140,
292.776


 100, 59.140,
292.776


 53, 59.140,
292.776


 83, 59.140,
292.776

 43, 59.140,
292.776

 93, 59.140,
292.776

 33, 59.140,
292.776

 23, 59.140,
292.776

 13, 59.140,
292.776

 3, 59.140, 292.776

 0, 59.140, 292.776

■ 63, 59.140,
292.776

■ 63, 59.140,
292.776

■ 56, 72.973,
295.106

■ 70, 45.810,
290.732

■ 49, 87.165,
297.666

■ 78, 33.000,
288.974

■ 43, 101.249,
300.309

■ 85, 20.676,
287.475

■ 38, 114.184,
302.778

■ 93, 8.801, 286.206

■ 34, 124.317,
304.743

■ 100, 2.632,
109.952

■ 33, 126.143,
305.082

Harmonies

Complementary

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



63, 59.140, 292.776



93, 53.402, 100.159

Rectangle

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



63, 59.140, 292.776



63, 59.140, 342.776



63, 59.140, 112.776



63, 59.140, 162.776

Sweetspot

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



63, 59.139, 292.777



89, 16.582, 286.990



91, 37.105, 185.795



46, 11.491, 287.275



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 59.139, 292.777



57, 73.302, 294.965



64, 67.576, 307.925



48, 6.572, 286.425



24, 101.184, 304.806



4, 38.787, 298.901

Inverse Universe

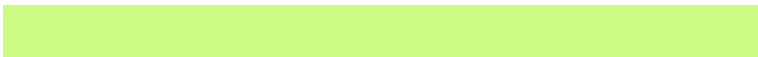
The Inverse Universe completely reimagines the original color for something new.



68, 48.529, 16.677



65, 59.864, 18.977



93, 61.647, 122.461



49, 5.211, 11.130



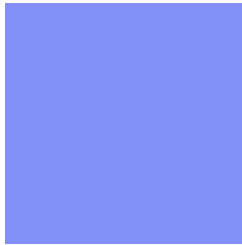
39, 78.692, 35.421



9, 31.463, 21.695

Previews

White Background



This preview shows how the CIELCh color 63, 59.140, 292.776 looks on a white background.

Color Contrast Check

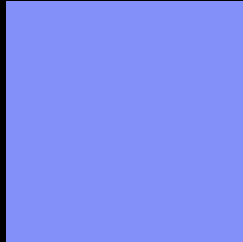
Large Text (above 18pt) WCAG AA × Fail

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 63, 59.140, 292.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

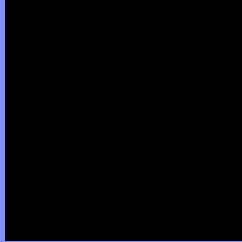
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 59.140, 292.776

Background



This preview shows how black text looks on a background with the CIELCh color 63, 59.140, 292.776.



This preview shows how white text looks on a background with the CIELCh color 63, 59.140, 292.776.

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

63, 59.140, 292.776

Protanopia

63, 58.899, 286.118

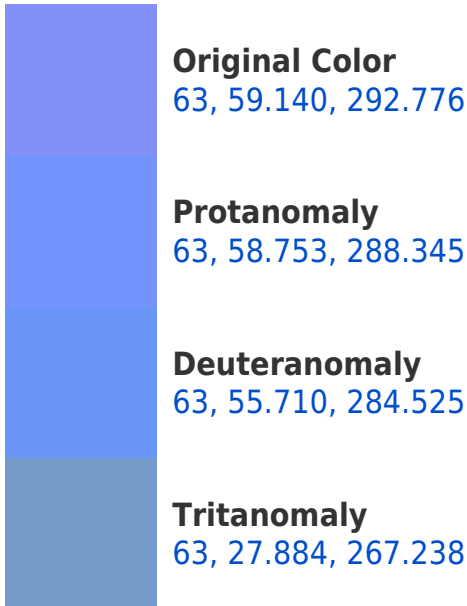
Deuteranopia

63, 54.084, 279.893

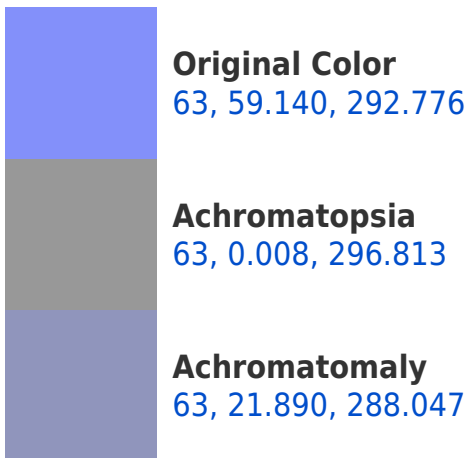


Tritanopia
63, 18.593, 219.351

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 59.140, 292.776 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(131, 144, 250)` looks like.

```
.text, #text, p{  
    color:rgb(131, 144, 250)  
}
```

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(131, 144, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 144, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 59.140, 292.776 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(131, 144, 250) }
```

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

```
.border{ border-color:rgb(131, 144, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 144, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 144, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 144, 250);  
box-shadow:4px 4px 4px 4px rgb(131, 144,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 59.140, 292.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 144, 250) }
```

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

```
.background{ background-color: rgb(131,  
144, 250) }
```

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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