

Converting Colors

CIELCh(64, 66.980, 293.229)

Have a look what the booklet for
CIELCh(64, 66.980, 293.229)
contains.

CIELCh(63, 61.284, 292.394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 61.284, 292.394)

Conversions

Conversions Part 1

Format	Color
Hex	8090FE
RGB	128, 144, 254
RGB Percent	50%, 56%, 100%
CMY	0.4994, 0.4360, 0.0053
CMYK	0.50, 0.43, 0.00, 0.01
HSL	232°, 98%, 75%
HSV	232°, 50%, 99%
XYZ	36.6310, 31.5869, 97.6470
YIQ	151.7560, -44.8460, 30.8180

Conversions

Conversions Part 2

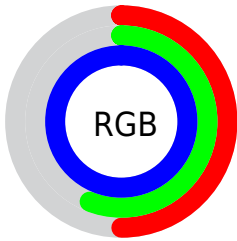
Format	Color
RYB	128, 142, 254
Decimal	8425726
CIELab	63.00, 23.35, -56.66
CIELCh	63, 61.284, 292.394
Yxy	31.5869, 0.2208, 0.1904
Android (android.graphics.Color)	4286615806 (0xFF8090FE)
YUV	151.7560, 50.4063, -20.8340
Hunter-Lab	56.2022, 17.9872, -63.6702

Details

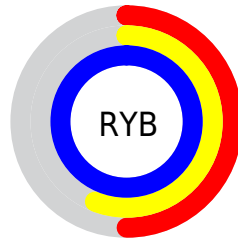
The CIELCh color **63, 61.284, 292.394** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93, 55.339, 98.868**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.420, 286.220**, and **43, 61.584, 292.492** is the 20% darker color. If you saturate the color by 10%, you get **56, 75.051, 294.819**, and if you desaturate by 10%, it is **70, 48.007, 290.260**.

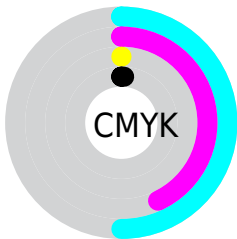
Distribution



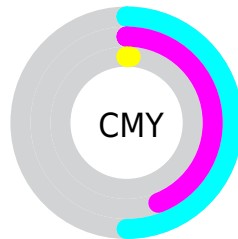
- Red (50%)
- Green (56%)
- Blue (100%)



- Red (50%)
- Yellow (56%)
- Blue (100%)



- Cyan (50%)
- Magenta (43%)
- Yellow (0%)
- Black (1%)





- Cyan (50%)
- Magenta (44%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 61.284, 292.394 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, 61.284, 292.394 by changing the saturation by 10% instead.


 63, 61.284,
292.394


 63, 61.284,
292.394


 100, 61.284,
292.394


 53, 61.284,
292.394


 83, 61.284,
292.394

 43, 61.284,
292.394

 93, 61.284,
292.394

 33, 61.284,
292.394

 23, 61.284,
292.394

 13, 61.284,
292.394

 3, 61.284, 292.394

 0, 61.284, 292.394

■ 63, 61.284,
292.394

■ 63, 61.284,
292.394

■ 56, 75.051,
294.819

■ 70, 48.007,
290.260

■ 49, 89.155,
297.469

■ 78, 35.238,
288.420

■ 43, 103.113,
300.189

■ 85, 22.945,
286.850

■ 38, 115.876,
302.713

■ 92, 11.091,
285.517

■ 34, 125.854,
304.697

■ 100, 0.359,
103.964

■ 34, 126.120,
304.747

■ 100, 0.668,
110.012

Harmonies

Complementary

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



63, 61.284, 292.394



93, 55.339, 98.868

Rectangle

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



63, 61.284, 292.394



63, 61.284, 342.394



63, 61.284, 112.394



63, 61.284, 162.394

Sweetspot

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



63, 61.283, 292.395



89, 17.431, 286.200



92, 39.223, 184.066



46, 11.935, 286.487



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, 61.283, 292.395



56, 75.837, 294.907



63, 71.418, 307.580



49, 6.547, 285.497



25, 100.898, 304.440



5, 40.049, 299.371

Inverse Universe

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



68, 51.292, 15.719



63, 62.886, 18.417



94, 64.643, 121.712



50, 5.318, 9.644



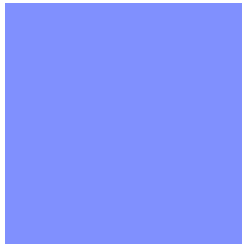
40, 78.590, 34.415



10, 32.415, 21.939

Previews

White Background



This preview shows how the CIELCh color 63, 61.284, 292.394 looks on a white background.

Color Contrast Check

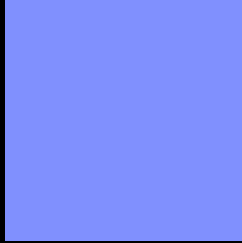
Large Text (above 18pt) WCAG AA × Fail

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 63, 61.284, 292.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

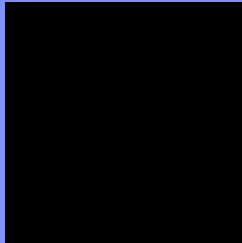
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 61.284, 292.394

Background



This preview shows how black text looks on a background with the CIELCh color 63, 61.284, 292.394.

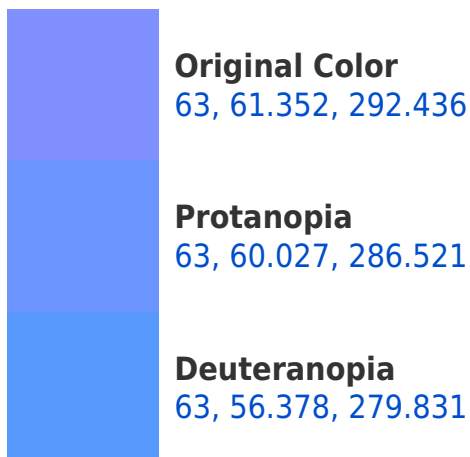


This preview shows how white text looks on a background with the CIELCh color 63, 61.284, 292.394.

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
63, 20.018, 219.415

Trichromacy



Original Color
63, 61.352, 292.436

Protanomaly
63, 60.969, 288.964

Deuteranomaly
63, 57.992, 284.285

Tritanomaly
63, 29.268, 266.464

Monochromacy



Original Color
63, 61.352, 292.436

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 22.466, 287.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 61.284, 292.394 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(128, 144, 254)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 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(128, 144, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 61.284, 292.394 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(128, 144, 254) }
```

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

```
.border{ border-color:rgb(128, 144, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 144, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 144, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 144, 254); box-shadow:4px 4px 4px 4px rgb(128, 144, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 61.284, 292.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 144, 254) }
```

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

```
.background{ background-color: rgb(128,  
144, 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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