

Converting Colors

CIELCh(63, 60.462, 290.456)

Have a look what the booklet for
CIELCh(63, 60.462, 290.456)
contains.

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Color

CIELCh(63, 60.864, 290.723)

Conversions

Conversions Part 1

Format	Color
Hex	7A91FE
RGB	122, 145, 254
RGB Percent	48%, 57%, 100%
CMY	0.5211, 0.4310, 0.0035
CMYK	0.52, 0.43, 0.00, 0.00
HSL	230°, 99%, 74%
HSV	230°, 52%, 100%
XYZ	36.0868, 31.5869, 98.0484
YIQ	150.5490, -48.6970, 29.0230

Conversions

Conversions Part 2

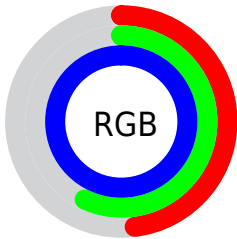
Format	Color
RYB	122, 142, 254
Decimal	8032766
CIELab	63.00, 21.54, -56.93
CIELCh	63, 60.864, 290.723
Yxy	31.5869, 0.2178, 0.1906
Android (android.graphics.Color)	4286222846 (0xFF7A91FE)
YUV	150.5490, 51.0013, -25.0375
Hunter-Lab	56.2022, 16.2588, -64.0936

Details

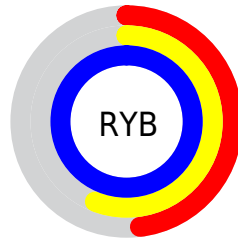
The CIELCh color **63, 60.864, 290.723** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92, 55.610, 95.815**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.137, 281.936**, and **43, 61.104, 290.797** is the 20% darker color. If you saturate the color by 10%, you get **56, 73.914, 293.308**, and if you desaturate by 10%, it is **70, 48.268, 288.447**.

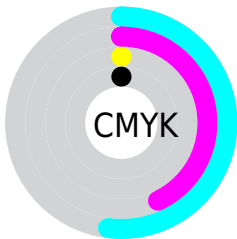
Distribution



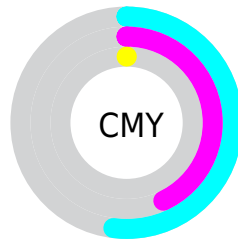
- Red (48%)
- Green (57%)
- Blue (100%)



- Red (48%)
- Yellow (56%)
- Blue (100%)



- Cyan (52%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 60.864, 290.723 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, 60.864, 290.723 by changing the saturation by 10% instead.


 63, 60.864,
290.723


 63, 60.864,
290.723


 100, 60.864,
290.723


 53, 60.864,
290.723


 83, 60.864,
290.723

 43, 60.864,
290.723

 93, 60.864,
290.723

 33, 60.864,
290.723

 23, 60.864,
290.723

 13, 60.864,
290.723

 3, 60.864, 290.723

 0, 60.864, 290.723

■ 63, 60.864,
290.723

■ 63, 60.864,
290.723

■ 56, 73.914,
293.308

■ 70, 48.268,
288.447

■ 50, 87.311,
296.136

■ 77, 36.130,
286.480

■ 44, 100.677,
299.057

■ 84, 24.413,
284.800

■ 39, 113.163,
301.815

■ 91, 13.082,
283.370

■ 36, 121.697,
303.679

■ 98, 2.106, 282.212

100, 0.442,
109.970

Harmonies

Complementary

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



63, 60.864, 290.723



92, 55.610, 95.815

Rectangle

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



63, 60.864, 290.723



63, 60.864, 340.723



63, 60.864, 110.723



63, 60.864, 160.723

Sweetspot

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



63, 60.863, 290.724



89, 17.684, 283.922



92, 42.133, 179.387



46, 11.978, 284.217



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, 60.863, 290.724



56, 74.201, 293.326



61, 74.818, 306.308



49, 6.223, 283.057



26, 96.990, 303.290



6, 38.569, 298.320

Inverse Universe

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



67, 53.650, 12.760



63, 64.401, 15.511



94, 66.719, 119.578



50, 5.383, 6.061



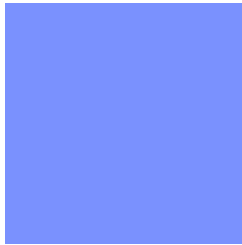
40, 76.243, 31.467



10, 32.137, 19.971

Previews

White Background



This preview shows how the CIELCh color 63, 60.864, 290.723 looks on a white background.

Color Contrast Check

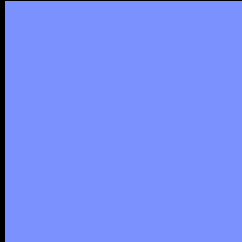
Large Text (above 18pt) WCAG AA × Fail

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, 60.864, 290.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

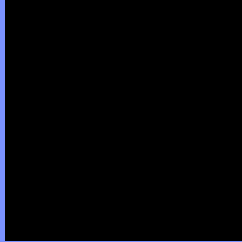
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 60.864, 290.723

Background



This preview shows how black text looks on a background with the CIELCh color 63, 60.864, 290.723.



This preview shows how white text looks on a background with the CIELCh color 63, 60.864, 290.723.

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, 60.864, 290.723

Protanopia

63, 60.027, 286.521

Deuteranopia

63, 56.416, 279.660



Tritanopia
63, 22.005, 217.229

Trichromacy



Original Color
63, 60.864, 290.723

Protanomaly
63, 60.464, 287.943

Deuteranomaly
63, 58.090, 283.706

Tritanomaly
63, 30.119, 262.754

Monochromacy



Original Color
63, 60.864, 290.723

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 22.003, 284.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 60.864, 290.723 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(122, 145, 254)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 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(122, 145, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 60.864, 290.723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

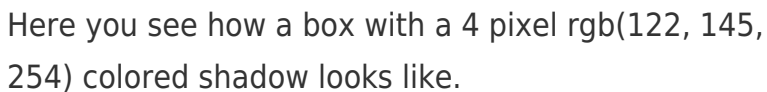
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 145, 254) }
```

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

```
.border{ border-color:rgb(122, 145, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(122, 145, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 145, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 145, 254); box-shadow:4px 4px 4px 4px rgb(122, 145, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 60.864, 290.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 254) }
```

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

```
.background{ background-color: rgb(122,  
145, 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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