

Converting Colors

CIELCh(51, 82.390, 298.348)

Have a look what the booklet for
CIELCh(51, 82.390, 298.348)
contains.

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Color

CIELCh(51, 82.442, 298.437)

Conversions

Conversions Part 1

Format	Color
Hex	6268F7
RGB	98, 104, 247
RGB Percent	38%, 41%, 97%
CMY	0.6148, 0.5915, 0.0306
CMYK	0.60, 0.58, 0.00, 0.03
HSL	238°, 91%, 68%
HSV	238°, 60%, 97%
XYZ	26.8444, 19.2686, 90.4536
YIQ	118.5080, -49.4790, 43.2010

Conversions

Conversions Part 2

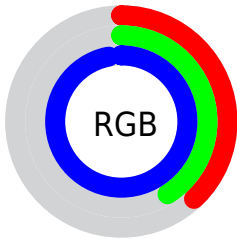
Format	Color
R _Y B	98, 104, 247
Decimal	6449399
CIE Lab	51.00, 39.26, -72.49
CIE LCh	51, 82.442, 298.437
Yxy	19.2686, 0.1966, 0.1411
Android (android.graphics.Color)	4284639479 (0xFF6268F7)
YUV	118.5080, 63.3466, -17.9855
Hunter-Lab	43.8960, 32.3428, -91.4478

Details

The CIELCh color **51, 82.442, 298.437** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **93, 69.431, 102.610**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 55.127, 297.251**, and **31, 82.655, 298.472** is the 20% darker color. If you saturate the color by 10%, you get **44, 97.458, 300.814**, and if you desaturate by 10%, it is **58, 67.453, 296.185**.

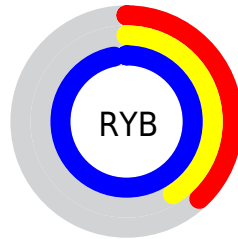
Distribution



Red (38%)

Green (41%)

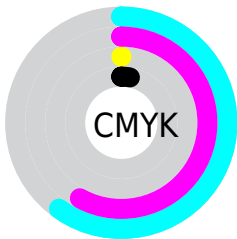
Blue (97%)



Red (38%)

Yellow (41%)

Blue (97%)

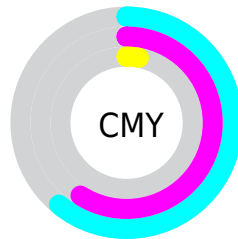


Cyan (60%)

Magenta (58%)

Yellow (0%)

Black (3%)



Cyan (61%)


Magenta (59%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 82.442, 298.437 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 51, 82.442, 298.437 by changing the saturation by 10% instead.


 51, 82.442,
298.437


 51, 82.442,
298.437


 100, 82.442,
298.437


 41, 82.442,
298.437


 71, 82.442,
298.437

 31, 82.442,
298.437

 81, 82.442,
298.437

 21, 82.442,
298.437

 91, 82.442,
298.437

 11, 82.442,
298.437

 1, 82.442, 298.437

 0, 82.442, 298.437

51, 82.442,
298.437

51, 82.442,
298.437

44, 97.458,
300.814

58, 67.453,
296.185

38, 111.482,
303.082

66, 52.914,
294.167

34, 122.708,
304.910

74, 38.944,
292.416

32, 129.123,
305.954

82, 25.548,
290.920

89, 12.691,
289.653

97, 0.332, 288.851

100, 3.949,
109.863

Harmonies

Complementary

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



51, 82.442, 298.437



93, 69.431, 102.610

Rectangle

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



51, 82.442, 298.437



51, 82.442, 348.437



51, 82.442, 118.437



51, 82.442, 168.437

Sweetspot

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



51, 82.442, 298.438



86, 23.169, 290.618



90, 41.866, 191.407



43, 16.194, 291.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 82.442, 298.438



44, 102.565, 301.252



56, 85.382, 310.686



47, 6.961, 289.563



23, 103.827, 305.813



3, 38.797, 299.115

Inverse Universe

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



61, 63.354, 24.951



58, 78.516, 28.802



90, 76.876, 124.600



48, 5.081, 16.715



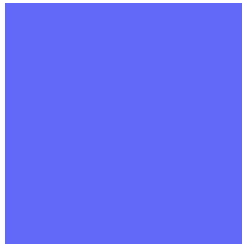
39, 80.817, 38.423



8, 30.773, 23.413

Previews

White Background



This preview shows how the CIELCh color 51, 82.442, 298.437 looks on a white background.

Color Contrast Check

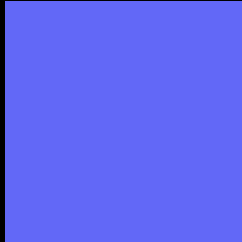
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 82.442, 298.437 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 × Fail

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

CIELCh 51, 82.442, 298.437

Background



This preview shows how black text looks on a background with the CIELCh color 51, 82.442, 298.437.

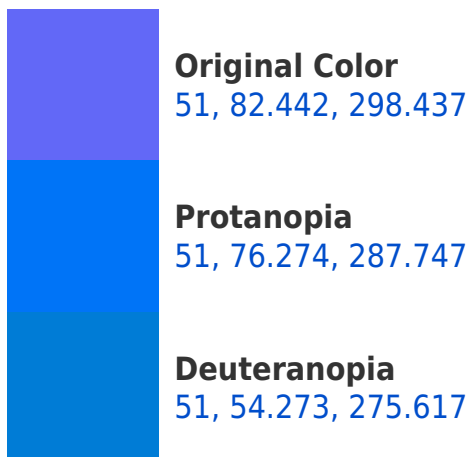


This preview shows how white text looks on a background with the CIELCh color 51, 82.442, 298.437.

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
51, 24.964, 212.194

Trichromacy



Original Color
51, 82.442, 298.437



Protanomaly
50, 78.478, 290.245



Deuteranomaly
50, 64.086, 284.487



Tritanomaly
50, 36.597, 270.676

Monochromacy



Original Color
51, 82.442, 298.437



Achromatopsia
50, 0.007, 296.813



Achromatomaly
50, 30.473, 292.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 82.442, 298.437 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(98, 104, 247)` looks like.

```
.text, #text, p{  
    color:rgb(98, 104, 247)  
}
```

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(98, 104, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 104, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 82.442, 298.437 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(98, 104, 247) }
```

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

```
.border{ border-color:rgb(98, 104, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 104, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 104, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 104, 247);  
box-shadow:4px 4px 4px 4px rgb(98, 104,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 82.442, 298.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 104, 247) }
```

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

```
.background{ background-color: rgb(98, 104,  
247) }
```

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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