

Converting Colors

CIELCh(51, 62.591, 294.224)

Have a look what the booklet for
CIELCh(51, 62.591, 294.224)
contains.

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Color

CIELCh(51, 62.613, 294.249)

Conversions

Conversions Part 1

Format	Color
Hex	6270DC
RGB	98, 112, 220
RGB Percent	38%, 44%, 86%
CMY	0.6168, 0.5617, 0.1383
CMYK	0.56, 0.49, 0.00, 0.14
HSL	233°, 63%, 62%
HSV	233°, 56%, 86%
XYZ	23.6551, 19.2686, 69.9901
YIQ	120.1260, -43.0120, 30.6200

Conversions

Conversions Part 2

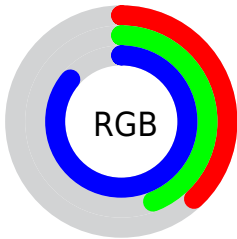
Format	Color
R_{YB}	98, 111, 220
Decimal	6451420
CIE _{Lab}	51.00, 25.72, -57.09
CIE _{LCh}	51, 62.613, 294.249
Yxy	19.2686, 0.2095, 0.1706
Android (android.graphics.Color)	4284641500 (0xFF6270DC)
YUV	120.1260, 49.2379, -19.4045
Hunter-Lab	43.8960, 19.3738, -63.8078

Details

The CIELCh color **51, 62.613, 294.249** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **82, 55.249, 99.028**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 49.790, 292.554**, and **31, 62.319, 294.072** is the 20% darker color. If you saturate the color by 10%, you get **45, 75.258, 296.757**, and if you desaturate by 10%, it is **57, 50.343, 291.995**.

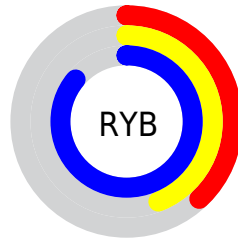
Distribution



Red (38%)

Green (44%)

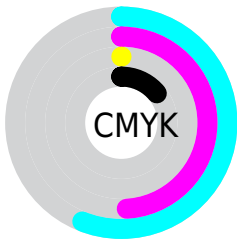
Blue (86%)



Red (38%)

Yellow (44%)

Blue (86%)

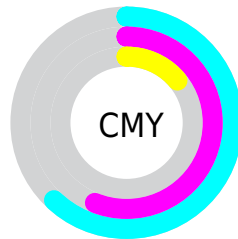


Cyan (56%)

Magenta (49%)

Yellow (0%)

Black (14%)



Cyan (62%)


Magenta (56%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 62.613, 294.249 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, 62.613, 294.249 by changing the saturation by 10% instead.


 51, 62.613,
294.249


 51, 62.613,
294.249


 100, 62.613,
294.249


 41, 62.613,
294.249


 71, 62.613,
294.249

 31, 62.613,
294.249

 81, 62.613,
294.249

 21, 62.613,
294.249

 91, 62.613,
294.249

 11, 62.613,
294.249

 1, 62.613, 294.249

 0, 62.613, 294.249

■ 51, 62.613,
294.249

■ 51, 62.613,
294.249

■ 45, 75.258,
296.757

■ 57, 50.343,
291.995

■ 39, 87.978,
299.401

■ 64, 38.532,
290.027

■ 34, 100.036,
301.962

■ 71, 27.173,
288.338

■ 30, 110.119,
304.134

■ 77, 16.236,
286.898

■ 29, 113.621,
304.863

■ 84, 5.686, 285.683

■ 91, 4.506, 104.584

■ 97, 14.366,
103.702

■ 99, 17.839,
108.828

Harmonies

Complementary

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



51, 62.613, 294.249



82, 55.249, 99.028

Rectangle

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



51, 62.613, 294.249



51, 62.613, 344.249



51, 62.613, 114.249



51, 62.613, 164.249

Sweetspot

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



51, 62.613, 294.250



87, 20.114, 287.115



81, 37.612, 185.091



45, 13.502, 287.396



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, 62.613, 294.250



51, 87.121, 297.289



52, 71.376, 308.470



43, 5.866, 286.131



22, 94.296, 304.586



3, 27.246, 292.336

Inverse Universe

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



57, 51.508, 18.032



60, 70.615, 21.642



82, 63.972, 122.173



43, 4.684, 10.664



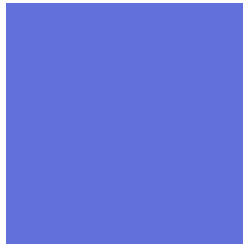
36, 73.396, 34.812



5, 23.724, 15.297

Previews

White Background



This preview shows how the CIELCh color 51, 62.613, 294.249 looks on a white background.

Color Contrast Check

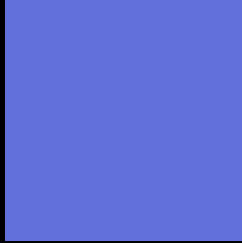
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 51, 62.613, 294.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

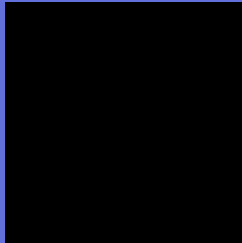
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 62.613, 294.249

Background



This preview shows how black text looks on a background with the CIELCh color 51, 62.613, 294.249.

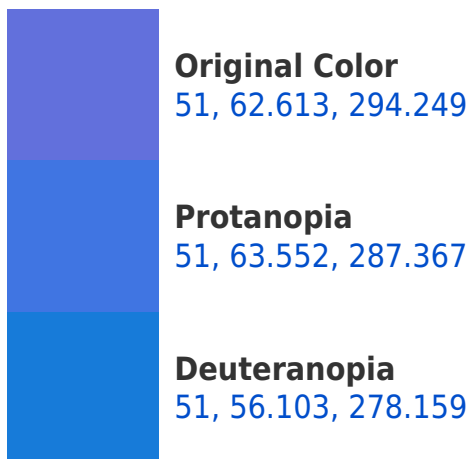



This preview shows how white text looks on a background with the CIELCh color 51, 62.613, 294.249.

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, 20.700, 215.787

Trichromacy



Original Color
51, 62.613, 294.249

Protanomaly
51, 63.402, 289.588

Deuteranomaly
51, 58.344, 282.945

Tritanomaly
50, 29.690, 267.511

Monochromacy



Original Color
51, 62.613, 294.249

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 22.840, 288.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 62.613, 294.249 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, 112, 220)` looks like.

```
.text, #text, p{  
    color:rgb(98, 112, 220)  
}
```

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, 112, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 112, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 62.613, 294.249 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, 112, 220) }
```

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

```
.border{ border-color:rgb(98, 112, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 112, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 112, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 112, 220);  
box-shadow:4px 4px 4px 4px rgb(98, 112,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 62.613, 294.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 112, 220) }
```

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

```
.background{ background-color: rgb(98, 112,  
220) }
```

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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