

Converting Colors

CIELCh(48, 74.005, 294.828)

Have a look what the booklet for
CIELCh(48, 74.005, 294.828)
contains.

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Color

CIELCh(48, 74.238, 294.880)

Conversions

Conversions Part 1

Format	Color
Hex	4D66E5
RGB	77, 102, 229
RGB Percent	30%, 40%, 90%
CMY	0.6970, 0.5993, 0.1011
CMYK	0.66, 0.55, 0.00, 0.10
HSL	230°, 75%, 60%
HSV	230°, 66%, 90%
XYZ	22.0216, 16.7945, 76.3625
YIQ	109.0030, -55.6670, 34.1970

Conversions

Conversions Part 2

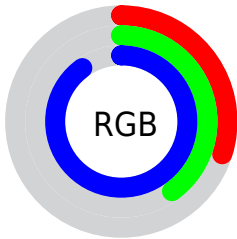
Format	Color
R_{YB}	77, 98, 229
Decimal	5072613
CIE Lab	48.00, 31.23, -67.35
CIE LCh	48, 74.238, 294.880
Yxy	16.7945, 0.1912, 0.1458
Android (android.graphics.Color)	4283262693 (0xFF4D66E5)
YUV	109.0030, 59.1585, -28.0666
Hunter-Lab	40.9810, 24.2020, -81.7920

Details

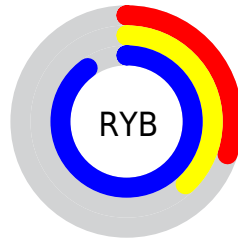
The CIELCh color **48, 74.238, 294.880** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **82, 64.248, 94.799**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 56.391, 292.342**, and **29, 73.307, 296.835** is the 20% darker color. If you saturate the color by 10%, you get **42, 86.756, 297.717**, and if you desaturate by 10%, it is **54, 61.915, 292.227**.

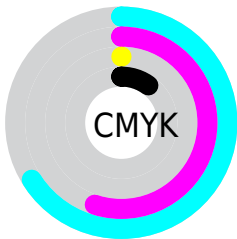
Distribution



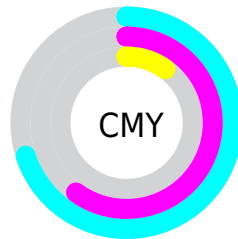
- Red (30%)
- Green (40%)
- Blue (90%)



- Red (30%)
- Yellow (38%)
- Blue (90%)



- Cyan (66%)
- Magenta (55%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (60%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 74.238, 294.880 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 48, 74.238, 294.880 by changing the saturation by 10% instead.


 48, 74.238,
294.880


 48, 74.238,
294.880


 100, 74.238,
294.880

 38, 74.238,
294.880

 68, 74.238,
294.880

 28, 74.238,
294.880

 78, 74.238,
294.880

 18, 74.238,
294.880

 88, 74.238,
294.880

 8, 74.238, 294.880

 98, 74.238,
294.880

 0, 74.238, 294.880

 48, 74.238,

 48, 74.238,

294.880

294.880

■ 42, 86.756,
297.717

■ 54, 61.915,
292.227

■ 37, 98.930,
300.539

■ 61, 49.987,
289.855

■ 33, 109.717,
303.059

■ 67, 38.494,
287.789

■ 32, 113.121,
303.822

■ 74, 27.413,
286.016

■ 80, 16.712,
284.503

■ 87, 6.359, 283.224

■ 93, 3.672, 102.050

■ 99, 13.052,
109.191

Harmonies

Complementary

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



48, 74.238, 294.880



82, 64.248, 94.799

Rectangle

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



48, 74.238, 294.880



48, 74.238, 344.880



48, 74.238, 114.880



48, 74.238, 164.880

Sweetspot

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



48, 74.238, 294.881



86, 22.505, 285.053



83, 45.607, 179.163



44, 15.425, 285.482



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 74.238, 294.881



45, 99.649, 298.912



46, 88.377, 307.930



45, 5.771, 283.604



24, 92.673, 303.460



4, 29.874, 293.311

Inverse Universe

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



55, 63.185, 17.555



56, 81.569, 23.139



85, 76.058, 119.877



45, 4.921, 6.833



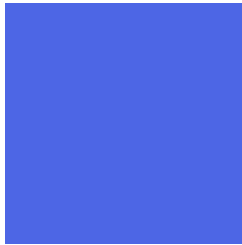
37, 72.725, 31.886



7, 26.707, 14.932

Previews

White Background



This preview shows how the CIE LCh color 48, 74.238, 294.880 looks on a white background.

Color Contrast Check

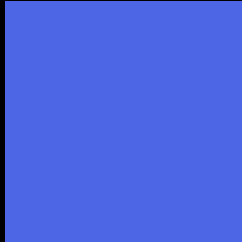
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 74.238, 294.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

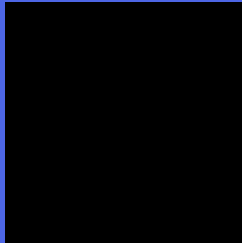
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 74.238, 294.880

Background



This preview shows how black text looks on a background with the CIELCh color 48, 74.238, 294.880.




This preview shows how white text looks on a background with the CIELCh color 48, 74.238, 294.880.

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](#).

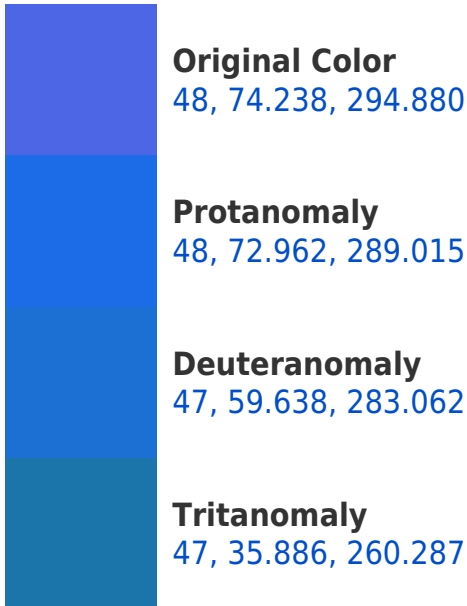
Dichromacy





Tritanopia
48, 28.691, 208.673

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 74.238, 294.880 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(77, 102, 229)` looks like.

```
.text, #text, p{  
    color:rgb(77, 102, 229)  
}
```

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(77, 102, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 102, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 74.238, 294.880 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(77, 102, 229) }
```

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

```
.border{ border-color:rgb(77, 102, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 102, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 102, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 102, 229);  
box-shadow:4px 4px 4px 4px rgb(77, 102,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 74.238, 294.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 102, 229) }
```

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

```
.background{ background-color: rgb(77, 102,  
229) }
```

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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