

Converting Colors

CIELCh(48, 89.595, 300.641)

Have a look what the booklet for
CIELCh(48, 89.595, 300.641)
contains.

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Color

CIELCh(48, 89.861, 300.699)

Conversions

Conversions Part 1

Format	Color
Hex	5F5CF7
RGB	95, 92, 247
RGB Percent	37%, 36%, 97%
CMY	0.6276, 0.6393, 0.0315
CMYK	0.62, 0.63, 0.00, 0.03
HSL	241°, 91%, 66%
HSV	241°, 63%, 97%
XYZ	25.3243, 16.7945, 89.8789
YIQ	110.5670, -47.9670, 48.8410

Conversions

Conversions Part 2

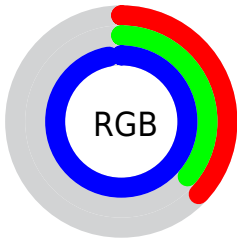
Format	Color
R _Y B	95, 92, 247
Decimal	6249719
CIE Lab	48.00, 45.88, -77.27
CIE LCh	48, 89.861, 300.699
Yxy	16.7945, 0.1919, 0.1272
Android (android.graphics.Color)	4284439799 (0xFF5F5CF7)
YUV	110.5670, 67.2615, -13.6523
Hunter-Lab	40.9810, 38.5877, -101.3470

Details

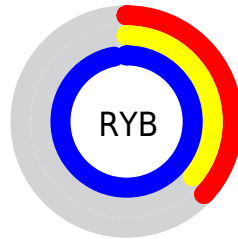
The CIELCh color **48, 89.861, 300.699** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **95, 74.100, 105.341**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 62.413, 300.387**, and **28, 89.529, 301.126** is the 20% darker color. If you saturate the color by 10%, you get **41, 104.971, 302.809**, and if you desaturate by 10%, it is **55, 74.289, 298.600**.

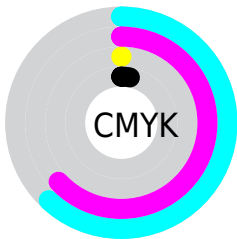
Distribution



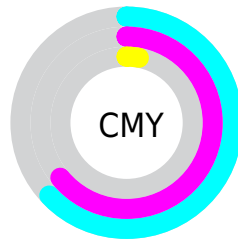
- Red (37%)
- Green (36%)
- Blue (97%)



- Red (37%)
- Yellow (36%)
- Blue (97%)



- Cyan (62%)
- Magenta (63%)
- Yellow (0%)
- Black (3%)



- Cyan (63%)
- Magenta (64%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 89.861, 300.699 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, 89.861, 300.699 by changing the saturation by 10% instead.

 48, 89.861,
300.699

 48, 89.861,
300.699

 100, 89.861,
300.699

 38, 89.861,
300.699

 68, 89.861,
300.699


 28, 89.861,
300.699

 78, 89.861,
300.699


 18, 89.861,
300.699


 88, 89.861,
300.699

 8, 89.861, 300.699

 98, 89.861,
300.699

 0, 89.861, 300.699

 48, 89.861,

 48, 89.861,

300.699

300.699

■ 41, 104.971,
302.809

■ 55, 74.289,
298.600

■ 36, 118.098,
304.642

■ 63, 58.988,
296.668

■ 33, 127.062,
305.860

■ 71, 44.231,
294.967

■ 31, 130.526,
306.327

■ 79, 30.080,
293.504

■ 87, 16.518,
292.260

■ 95, 3.509, 291.220

■ 100, 4.060,
109.856

Harmonies

Complementary

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



48, 89.861, 300.699



95, 74.100, 105.341

Rectangle

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



48, 89.861, 300.699



48, 89.861, 350.699



48, 89.861, 120.699



48, 89.861, 170.699

Sweetspot

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



48, 89.861, 300.700



84, 25.571, 293.016



89, 41.020, 198.752



43, 17.705, 293.389



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, 89.861, 300.700



41, 110.993, 303.281



55, 88.753, 312.700



47, 7.258, 291.896



22, 105.535, 306.344



3, 39.958, 300.217

Inverse Universe

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



65, 90.056, 328.163



63, 103.807, 328.569



90, 81.013, 126.944



48, 8.645, 325.465



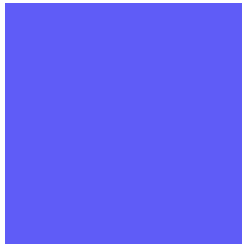
44, 89.858, 329.015



11, 40.032, 328.909

Previews

White Background



This preview shows how the CIELCh color 48, 89.861, 300.699 looks on a white background.

Color Contrast Check

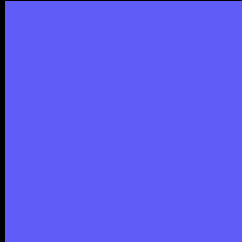
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.861, 300.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

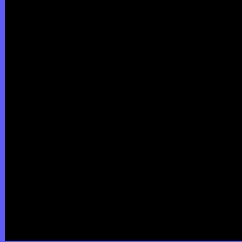
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 89.861, 300.699

Background



This preview shows how black text looks on a background with the CIELCh color 48, 89.861, 300.699.

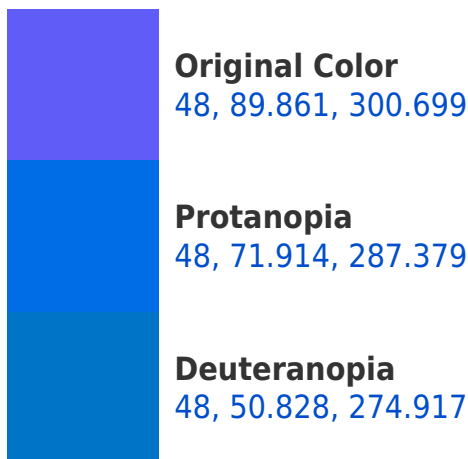



This preview shows how white text looks on a background with the CIELCh color 48, 89.861, 300.699.

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, 25.550, 210.462

Trichromacy



Original Color
48, 89.861, 300.699

Protanomaly
47, 78.660, 291.664

Deuteranomaly
47, 64.662, 286.604

Tritanomaly
47, 39.006, 273.473

Monochromacy



Original Color
48, 89.861, 300.699

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 33.290, 295.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 89.861, 300.699 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(95, 92, 247)` looks like.

```
.text, #text, p{  
    color:rgb(95, 92, 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(95, 92, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 92, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 89.861, 300.699 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(95, 92, 247) }
```

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

```
.border{ border-color:rgb(95, 92, 247) }
```

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

Here you see how a box with a 4 pixel rgb(95, 92, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 92, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 92, 247);  
box-shadow:4px 4px 4px 4px rgb(95, 92,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 89.861, 300.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 92, 247) }
```

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

```
.background{ background-color: rgb(95, 92,  
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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