

Converting Colors

CIELCh(48, 89.198, 300.555)

Have a look what the booklet for
CIELCh(48, 89.198, 300.555)
contains.

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Color

CIELCh(48, 89.329, 300.666)

Conversions

Conversions Part 1

Format	Color
Hex	5F5CF6
RGB	95, 92, 246
RGB Percent	37%, 36%, 96%
CMY	0.6265, 0.6386, 0.0345
CMYK	0.61, 0.63, 0.00, 0.03
HSL	241°, 90%, 66%
HSV	241°, 63%, 97%
XYZ	25.2498, 16.7945, 89.2606
YIQ	110.4530, -47.6460, 48.5300

Conversions

Conversions Part 2

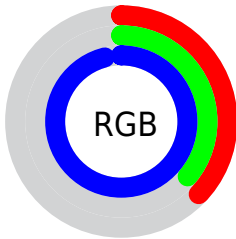
Format	Color
R _Y B	95, 92, 246
Decimal	6249718
CIE Lab	48.00, 45.56, -76.84
CIE LCh	48, 89.329, 300.666
Yxy	16.7945, 0.1923, 0.1279
Android (android.graphics.Color)	4284439798 (0xFF5F5CF6)
YUV	110.4530, 66.8247, -13.5523
Hunter-Lab	40.9810, 38.2631, -100.4525

Details

The CIELCh color **48, 89.329, 300.666** 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 **94, 73.730, 105.384**, 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, 89.005, 301.066** is the 20% darker color. If you saturate the color by 10%, you get **41, 104.421, 302.774**, and if you desaturate by 10%, it is **55, 73.798, 298.572**.

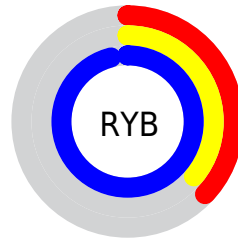
Distribution



Red (37%)

Green (36%)

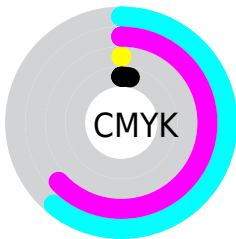
Blue (96%)



Red (37%)

Yellow (36%)

Blue (96%)

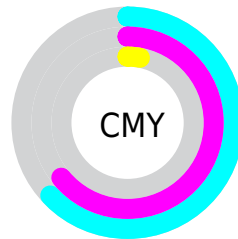


Cyan (61%)

Magenta (63%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (64%)

Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 89.329, 300.666 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, 89.329, 300.666 by changing the saturation by 10% instead.

 48, 89.329,
300.666

 48, 89.329,
300.666

 100, 89.329,
300.666

 38, 89.329,
300.666

 68, 89.329,
300.666

 28, 89.329,
300.666

 78, 89.329,
300.666


 18, 89.329,
300.666


 88, 89.329,
300.666

 8, 89.329, 300.666

 98, 89.329,
300.666

 0, 89.329, 300.666

 48, 89.329,

 48, 89.329,

300.666

300.666

■ 41, 104.421,
302.774

■ 55, 73.798,
298.572

■ 36, 117.576,
304.614

■ 63, 58.546,
296.648

■ 32, 126.626,
305.844

■ 71, 43.839,
294.954

■ 31, 130.215,
306.328

■ 79, 29.735,
293.498

■ 87, 16.219,
292.260

■ 95, 3.253, 291.225

■ 100, 4.451,
109.828

Harmonies

Complementary

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



48, 89.329, 300.666



94, 73.730, 105.384

Rectangle

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



48, 89.329, 300.666



48, 89.329, 350.666



48, 89.329, 120.666



48, 89.329, 170.666

Sweetspot

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



48, 89.329, 300.667



84, 25.571, 293.038



89, 40.847, 198.754



43, 17.705, 293.409



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, 89.329, 300.667



41, 110.988, 303.287



55, 88.271, 312.693



47, 7.258, 291.919



22, 105.532, 306.345



3, 39.959, 300.231

Inverse Universe

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



65, 89.588, 328.174



63, 103.765, 328.590



89, 80.598, 126.948



48, 8.641, 325.482



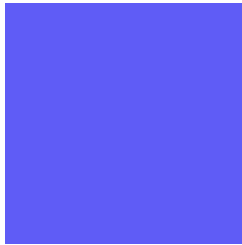
44, 89.816, 329.039



11, 40.016, 328.931

Previews

White Background



This preview shows how the CIE LCh color 48, 89.329, 300.666 looks on a white background.

Color Contrast Check

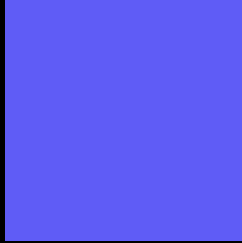
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.329, 300.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

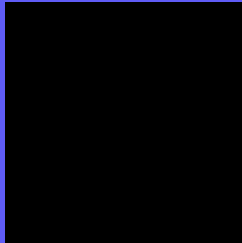
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 89.329, 300.666

Background



This preview shows how black text looks on a background with the CIELCh color 48, 89.329, 300.666.



This preview shows how white text looks on a background with the CIELCh color 48, 89.329, 300.666.

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, 25.069, 212.212

Trichromacy



Original Color
48, 89.329, 300.666

Protanomaly
47, 78.660, 291.664

Deuteranomaly
47, 64.662, 286.604

Tritanomaly
46, 38.883, 274.373

Monochromacy



Original Color
48, 89.329, 300.666

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, 89.329, 300.666 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, 246)` looks like.

```
.text, #text, p{  
  color:rgb(95, 92, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 92, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 89.329, 300.666 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, 246) }
```

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

```
.border{ border-color:rgb(95, 92, 246) }
```

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, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 92, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 92, 246);  
box-shadow:4px 4px 4px 4px rgb(95, 92,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 89.329, 300.666 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, 246) }
```

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

```
.background{ background-color: rgb(95, 92,  
246) }
```

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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