

Converting Colors

CIELCh(48, 94.257, 300.681)

Have a look what the booklet for
CIELCh(48, 94.257, 300.681)
contains.

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Color

CIELCh(48, 94.259, 300.693)

Conversions

Conversions Part 1

Format	Color
Hex	5B5BFE
RGB	91, 91, 254
RGB Percent	36%, 36%, 100%
CMY	0.6443, 0.6440, 0.0049
CMYK	0.64, 0.64, 0.00, 0.00
HSL	240°, 98%, 68%
HSV	240°, 64%, 100%
XYZ	25.8562, 16.7945, 95.4317
YIQ	109.5820, -52.3230, 50.6930

Conversions

Conversions Part 2

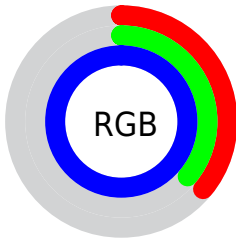
Format	Color
RYB	91, 91, 254
Decimal	5987326
CIELab	48.00, 48.11, -81.05
CIELCh	48, 94.259, 300.693
Yxy	16.7945, 0.1873, 0.1216
Android (android.graphics.Color)	4284177406 (0xFF5B5BFE)
YUV	109.5820, 71.1981, -16.2964
Hunter-Lab	40.9810, 40.9043, -109.3807

Details

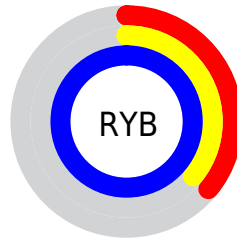
The CIELCh color **48, 94.259, 300.693** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **97, 77.123, 104.242**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 63.005, 300.150**, and **29, 93.727, 301.706** is the 20% darker color. If you saturate the color by 10%, you get **41, 109.561, 302.893**, and if you desaturate by 10%, it is **55, 78.310, 298.471**.

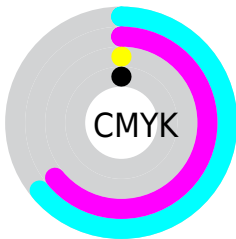
Distribution



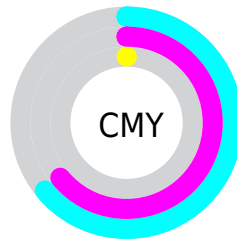
- Red (36%)
- Green (36%)
- Blue (100%)



- Red (36%)
- Yellow (36%)
- Blue (100%)



- Cyan (64%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (64%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 94.259, 300.693 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, 94.259, 300.693 by changing the saturation by 10% instead.

 48, 94.259,
300.693


 48, 94.259,
300.693


 100, 94.259,
300.693

 38, 94.259,
300.693

 68, 94.259,
300.693


 28, 94.259,
300.693

 78, 94.259,
300.693

 18, 94.259,
300.693

 88, 94.259,
300.693

 8, 94.259, 300.693

 98, 94.259,
300.693

 0, 94.259, 300.693

 48, 94.259,

 48, 94.259,

300.693

300.693

■ 41, 109.561,
302.893

■ 55, 78.310,
298.471

■ 36, 122.479,
304.752

■ 63, 62.582,
296.411

■ 33, 130.731,
305.923

■ 72, 47.402,
294.595

■ 32, 133.296,
306.283

■ 80, 32.848,
293.033

■ 88, 18.906,
291.708

■ 96, 5.537, 290.595

100, 0.624,
110.007

Harmonies

Complementary

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



48, 94.259, 300.693



97, 77.123, 104.242

Rectangle

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



48, 94.259, 300.693



48, 94.259, 350.693



48, 94.259, 120.693



48, 94.259, 170.693

Sweetspot

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



48, 94.259, 300.694



84, 25.551, 292.310



92, 43.620, 194.869



43, 17.691, 292.696



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, 94.259, 300.694



40, 113.892, 303.457



55, 92.750, 311.812



49, 7.500, 291.153



23, 107.757, 306.281



3, 44.110, 301.750

Inverse Universe

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



61, 70.665, 28.857



57, 85.937, 33.145



92, 83.645, 125.747



49, 5.254, 19.901



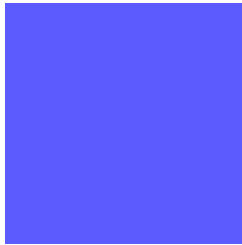
40, 84.205, 39.979



10, 33.363, 27.155

Previews

White Background



This preview shows how the CIE LCh color 48, 94.259, 300.693 looks on a white background.

Color Contrast Check

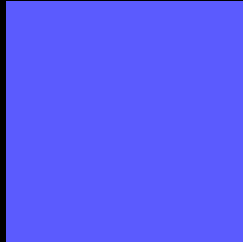
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.259, 300.693 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, 94.259, 300.693

Background



This preview shows how black text looks on a background with the CIELCh color 48, 94.259, 300.693.



This preview shows how white text looks on a background with the CIELCh color 48, 94.259, 300.693.

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



Original Color

48, 94.259, 300.693

Protanopia

48, 71.914, 287.379

Deuteranopia

48, 50.319, 274.513



Tritanopia
48, 28.487, 210.039

Trichromacy



Original Color
48, 94.259, 300.693

Protanomaly
47, 80.400, 292.142

Deuteranomaly
47, 65.787, 286.873

Tritanomaly
46, 41.630, 270.360

Monochromacy



Original Color
48, 94.259, 300.693

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 35.739, 294.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 94.259, 300.693 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(91, 91, 254)` looks like.

```
.text, #text, p{  
    color:rgb(91, 91, 254)  
}
```

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(91, 91, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 91, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 94.259, 300.693 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(91, 91, 254) }
```

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

```
.border{ border-color:rgb(91, 91, 254) }
```

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

Here you see how a box with a 4 pixel rgb(91, 91, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 91, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 91, 254);  
box-shadow:4px 4px 4px 4px rgb(91, 91,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 94.259, 300.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 91, 254) }
```

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

```
.background{ background-color: rgb(91, 91,  
254) }
```

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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