

Converting Colors

CIELCh(49, 96.325, 302.992)

Have a look what the booklet for
CIELCh(49, 96.325, 302.992)
contains.

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Color

CIELCh(49, 95.525, 302.961)

Conversions

Conversions Part 1

Format	Color
Hex	6C59FF
RGB	108, 89, 255
RGB Percent	42%, 35%, 100%
CMY	0.5758, 0.6505, 0.0000
CMYK	0.58, 0.65, 0.00, 0.00
HSL	247°, 100%, 67%
HSV	247°, 65%, 100%
XYZ	27.8618, 17.5941, 96.6618
YIQ	113.6050, -41.9620, 55.6540

Conversions

Conversions Part 2

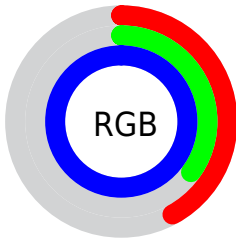
Format	Color
R_{YB}	108, 89, 255
Decimal	7100927
CIE _{Lab}	49.00, 51.97, -80.15
CIE _{LCh}	49, 95.525, 302.961
Yxy	17.5941, 0.1960, 0.1238
Android (android.graphics.Color)	4285291007 (0xFF6C59FF)
YUV	113.6050, 69.7077, -4.9156
Hunter-Lab	41.9453, 45.1630, -107.2705

Details

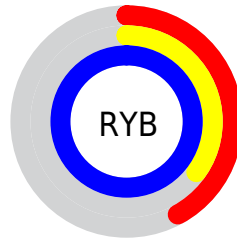
The CIELCh color **49, 95.525, 302.961** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **96, 78.627, 109.905**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 64.474, 304.274**, and **29, 95.432, 302.934** is the 20% darker color. If you saturate the color by 10%, you get **42, 110.301, 304.537**, and if you desaturate by 10%, it is **56, 79.765, 301.312**.

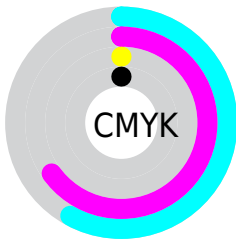
Distribution



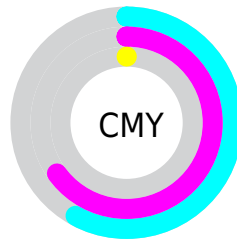
- Red (42%)
- Green (35%)
- Blue (100%)



- Red (42%)
- Yellow (35%)
- Blue (100%)



- Cyan (58%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (65%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 95.525, 302.961 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 49, 95.525, 302.961 by changing the saturation by 10% instead.


 49, 95.525,
302.961


 49, 95.525,
302.961


 100, 95.525,
302.961


 39, 95.525,
302.961

 69, 95.525,
302.961


 29, 95.525,
302.961

 79, 95.525,
302.961

 19, 95.525,
302.961

 89, 95.525,
302.961

 9, 95.525, 302.961

 99, 95.525,
302.961

 0, 95.525, 302.961

 49, 95.525,

 49, 95.525,

302.961

302.961

■ 42, 110.301,
304.537

■ 56, 79.765,
301.312

■ 37, 122.742,
305.795

■ 64, 64.123,
299.746

■ 34, 130.764,
306.457

■ 72, 48.904,
298.332

■ 33, 133.129,
306.605

■ 80, 34.241,
297.091

■ 88, 20.158,
296.020

■ 96, 6.636, 295.104

100, 0.012,
296.813

Harmonies

Complementary

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



49, 95.525, 302.961



96, 78.627, 109.905

Rectangle

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



49, 95.525, 302.961



49, 95.525, 352.961



49, 95.525, 122.961



49, 95.525, 172.961

Sweetspot

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



49, 95.447, 302.960



84, 27.059, 296.530



87, 39.536, 209.865



42, 18.567, 296.837



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 95.447, 302.960



41, 114.313, 304.954



57, 94.131, 315.199



49, 7.533, 295.494



23, 107.105, 306.677



4, 44.390, 303.991

Inverse Universe

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



65, 88.921, 331.581



62, 99.153, 332.296



91, 87.741, 129.619



50, 8.370, 328.261



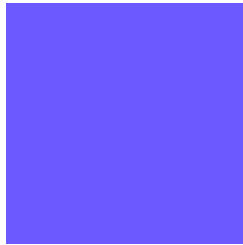
44, 85.050, 333.419



12, 39.552, 332.724

Previews

White Background



This preview shows how the CIELCh color 49, 95.525, 302.961 looks on a white background.

Color Contrast Check

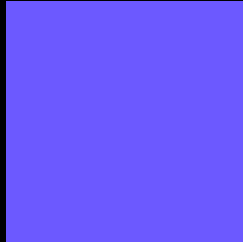
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 95.525, 302.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

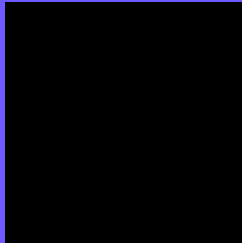
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 95.525, 302.961

Background



This preview shows how black text looks on a background with the CIELCh color 49, 95.525, 302.961.

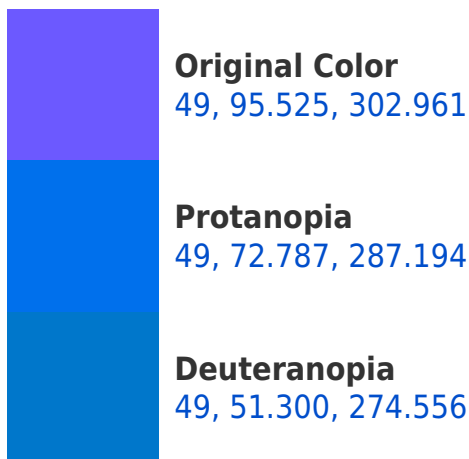


This preview shows how white text looks on a background with the CIELCh color 49, 95.525, 302.961.

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
49, 21.246, 213.641

Trichromacy



Original Color
49, 95.525, 302.961

Protanomaly
48, 81.253, 292.369

Deuteranomaly
48, 67.284, 287.700

Tritanomaly
48, 40.102, 281.625

Monochromacy



Original Color
49, 95.525, 302.961

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 35.641, 298.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 95.525, 302.961 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(108, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 89, 255)  
}
```

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(108, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 89, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 95.525, 302.961 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(108, 89, 255) }
```

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

```
.border{ border-color:rgb(108, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 89,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 95.525, 302.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 89, 255) }
```

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

```
.background{ background-color: rgb(108, 89,  
255) }
```

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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