

Converting Colors

CIELCh(48, 79.024, 319.127)

Have a look what the booklet for
CIELCh(48, 79.024, 319.127)
contains.

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Color

CIELCh(48, 79.059, 319.106)

Conversions

Conversions Part 1

Format	Color
Hex	A746CB
RGB	167, 70, 203
RGB Percent	65%, 27%, 80%
CMY	0.3467, 0.7270, 0.2055
CMYK	0.18, 0.66, 0.00, 0.21
HSL	284°, 56%, 53%
HSV	284°, 66%, 79%
XYZ	28.7468, 16.7945, 57.9740
YIQ	114.1650, 15.1190, 61.9270

Conversions

Conversions Part 2

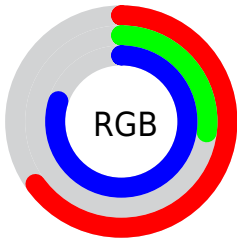
Format	Color
R _Y B	167, 70, 203
Decimal	10962635
CIE _{Lab}	48.00, 59.76, -51.76
CIE _{LCh}	48, 79.059, 319.106
Yxy	16.7945, 0.2777, 0.1622
Android (android.graphics.Color)	4289152715 (0xFFA746CB)
YUV	114.1650, 43.7957, 46.3363
Hunter-Lab	40.9810, 53.4948, -55.1881

Details

The CIELCh color **48, 79.059, 319.106** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **74, 76.325, 133.236**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 76.248, 320.019**, and **28, 79.060, 319.135** is the 20% darker color. If you saturate the color by 10%, you get **44, 88.078, 319.148**, and if you desaturate by 10%, it is **52, 68.370, 318.895**.

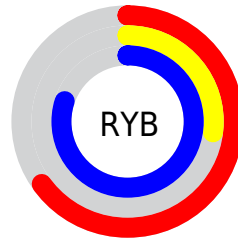
Distribution



Red (65%)

Green (27%)

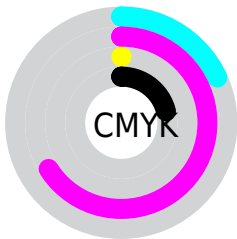
Blue (80%)



Red (65%)

Yellow (27%)

Blue (80%)

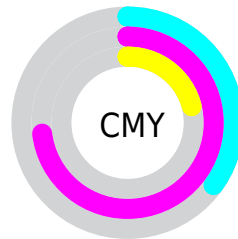


Cyan (18%)

Magenta (66%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (73%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 79.059, 319.106 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, 79.059, 319.106 by changing the saturation by 10% instead.


 48, 79.059,
319.106


 48, 79.059,
319.106


 100, 79.059,
319.106

 38, 79.059,
319.106

 68, 79.059,
319.106


 28, 79.059,
319.106

 78, 79.059,
319.106

 18, 79.059,
319.106

 88, 79.059,
319.106

 8, 79.059, 319.106

 98, 79.059,
319.106

 0, 79.059, 319.106

 48, 79.059,

 48, 79.059,

319.106

44, 88.078,
319.148

42, 94.824,
318.962

40, 98.905,
318.498

39, 100.192,
318.250

319.106

52, 68.370,
318.895

57, 56.617,
318.570

62, 44.288,
318.176


67, 31.742,
317.747

73, 19.217,
317.307

78, 6.866, 316.861

84, 5.223, 136.515

90, 17.000,
136.103

 95, 28.444,
135.741

Harmonies

Complementary

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



48, 79.059, 319.106



74, 76.325, 133.236

Rectangle

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



48, 79.059, 319.106



48, 79.059, 9.106



48, 79.059, 139.106



48, 79.059, 189.106

Sweetspot

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



48, 79.058, 319.106



87, 29.730, 317.512



47, 56.358, 288.127



44, 20.325, 317.637



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, 79.058, 319.106



54, 108.666, 319.098



52, 69.630, 335.768



40, 6.967, 317.031



31, 86.251, 318.376



3, 26.215, 316.231

Inverse Universe

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



50, 55.964, 8.827



57, 78.024, 14.066



73, 71.044, 144.439



40, 4.649, 358.851



35, 64.275, 23.195



4, 18.437, 6.323

Previews

White Background



This preview shows how the CIELCh color 48, 79.059, 319.106 looks on a white background.

Color Contrast Check

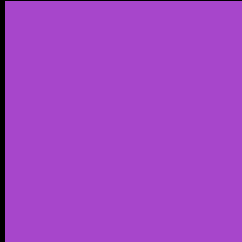
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 48, 79.059, 319.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

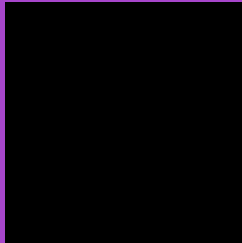
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 79.059, 319.106

Background



This preview shows how black text looks on a background with the CIELCh color 48, 79.059, 319.106.

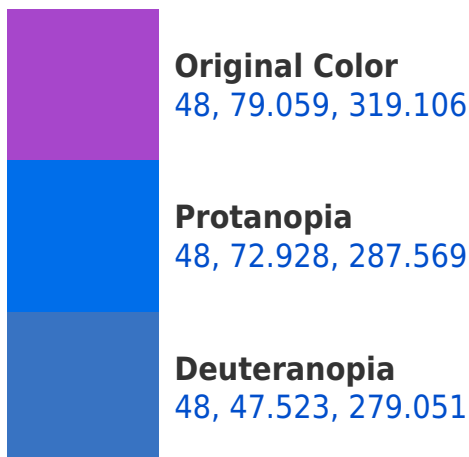


This preview shows how white text looks on a background with the CIELCh color 48, 79.059, 319.106.

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, 23.005, 10.928

Trichromacy



Original Color
48, 79.059, 319.106



Protanomaly
45, 75.639, 294.496



Deuteranomaly
46, 58.559, 296.992



Tritanomaly
47, 40.338, 334.043

Monochromacy



Original Color
48, 79.059, 319.106



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 31.252, 318.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 79.059, 319.106 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(167, 70, 203)` looks like.

```
.text, #text, p{  
    color:rgb(167, 70, 203)  
}
```

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(167, 70, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 70, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 79.059, 319.106 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(167, 70, 203) }
```

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

```
.border{ border-color:rgb(167, 70, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 70, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 70, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 70, 203);  
box-shadow:4px 4px 4px 4px rgb(167, 70,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 79.059, 319.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 70, 203) }
```

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

```
.background{ background-color: rgb(167, 70,  
203) }
```

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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