

Converting Colors

CIELCh(47, 71.514, 317.087)

Have a look what the booklet for
CIELCh(47, 71.514, 317.087)
contains.

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Color

CIELCh(47, 71.279, 317.178)

Conversions

Conversions Part 1

Format	Color
Hex	9B4CC2
RGB	155, 76, 194
RGB Percent	61%, 30%, 76%
CMY	0.3923, 0.7021, 0.2394
CMYK	0.20, 0.61, 0.00, 0.24
HSL	280°, 49%, 53%
HSV	280°, 61%, 76%
XYZ	25.8220, 16.0195, 52.7418
YIQ	113.0730, 9.2060, 53.4460

Conversions

Conversions Part 2

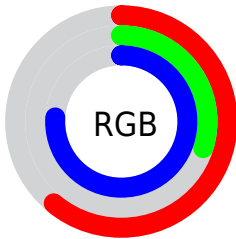
Format	Color
R _Y B	155, 76, 194
Decimal	10177730
CIE Lab	47.00, 52.28, -48.45
CIE LCh	47, 71.279, 317.178
Yxy	16.0195, 0.2730, 0.1694
Android (android.graphics.Color)	4288367810 (0xFF9B4CC2)
YUV	113.0730, 39.8970, 36.7700
Hunter-Lab	40.0243, 45.1183, -50.1121

Details

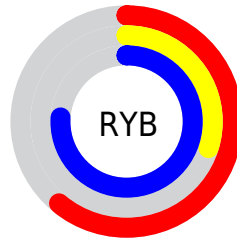
The CIELCh color **47, 71.279, 317.178** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **71, 67.919, 131.824**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 71.129, 317.169**, and **27, 71.576, 317.123** is the 20% darker color. If you saturate the color by 10%, you get **43, 81.152, 317.330**, and if you desaturate by 10%, it is **52, 60.213, 316.883**.

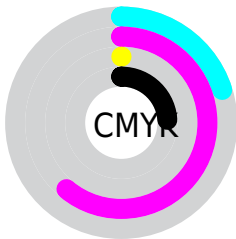
Distribution



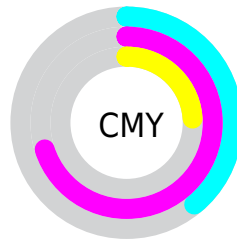
- Red (61%)
- Green (30%)
- Blue (76%)



- Red (61%)
- Yellow (30%)
- Blue (76%)



- Cyan (20%)
- Magenta (61%)
- Yellow (0%)
- Black (24%)





- Cyan (39%)
- Magenta (70%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 71.279, 317.178 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 47, 71.279, 317.178 by changing the saturation by 10% instead.


 47, 71.279,
317.178


 47, 71.279,
317.178


 100, 71.279,
317.178


 37, 71.279,
317.178

 67, 71.279,
317.178


 27, 71.279,
317.178

 77, 71.279,
317.178

 17, 71.279,
317.178

 87, 71.279,
317.178

 7, 71.279, 317.178

 97, 71.279,
317.178

 0, 71.279, 317.178

 47, 71.279,

 47, 71.279,

317.178

43, 81.152,
317.330

40, 89.203,
317.270

37, 94.843,
316.926

35, 98.051,
316.385

317.178

52, 60.213,
316.883

56, 48.486,
316.501

62, 36.485,
316.076


67, 24.468,
315.635

72, 12.597,
315.195

78, 0.969, 314.622

83, 10.365,
134.424

89, 21.382,
134.058

 95, 32.075,
133.730

Harmonies

Complementary

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



47, 71.279, 317.178



71, 67.919, 131.824

Rectangle

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



47, 71.279, 317.178



47, 71.279, 7.178



47, 71.279, 137.178



47, 71.279, 187.178

Sweetspot

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



47, 71.278, 317.178



87, 26.118, 315.522



49, 46.593, 283.246



45, 18.348, 315.653



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 71.278, 317.178



54, 102.496, 317.337



51, 65.706, 333.272



38, 6.575, 315.131



29, 85.200, 316.524



3, 21.014, 311.871

Inverse Universe

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



49, 50.803, 2.820



59, 72.830, 6.766



70, 66.688, 143.607



38, 4.590, 354.698



34, 61.082, 17.651



3, 14.740, 1.925

Previews

White Background



This preview shows how the CIELCh color 47, 71.279, 317.178 looks on a white background.

Color Contrast Check

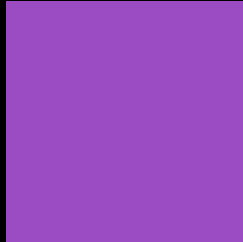
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 71.279, 317.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

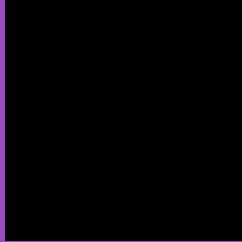
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 71.279, 317.178

Background



This preview shows how black text looks on a background with the CIELCh color 47, 71.279, 317.178.

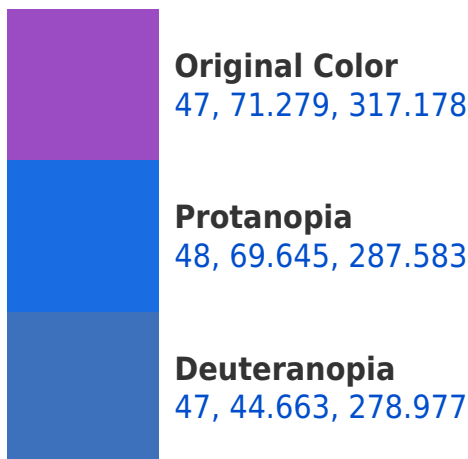


This preview shows how white text looks on a background with the CIELCh color 47, 71.279, 317.178.

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
47, 18.339, 7.124

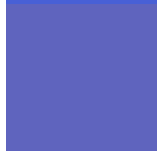
Trichromacy



Original Color
47, 71.279, 317.178



Protanomaly
45, 69.798, 294.590



Deuteranomaly
46, 53.290, 295.468



Tritanomaly
46, 35.102, 330.870

Monochromacy



Original Color
47, 71.279, 317.178



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 27.088, 315.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 71.279, 317.178 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(155, 76, 194)` looks like.

```
.text, #text, p{  
    color:rgb(155, 76, 194)  
}
```

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(155, 76, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 76, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 71.279, 317.178 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(155, 76, 194) }
```

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

```
.border{ border-color:rgb(155, 76, 194) }
```

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

Here you see how a box with a 4 pixel rgb(155, 76, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 76, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 76, 194);  
box-shadow:4px 4px 4px 4px rgb(155, 76,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 71.279, 317.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 76, 194) }
```

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

```
.background{ background-color: rgb(155, 76,  
194) }
```

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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