

Converting Colors

CIELCh(47, 54.726, 315.718)

Have a look what the booklet for
CIELCh(47, 54.726, 315.718)
contains.

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Color

CIELCh(47, 54.548, 315.808)

Conversions

Conversions Part 1

Format	Color
Hex	9058B0
RGB	144, 88, 176
RGB Percent	56%, 35%, 69%
CMY	0.4356, 0.6552, 0.3101
CMYK	0.18, 0.50, 0.00, 0.31
HSL	278°, 36%, 52%
HSV	278°, 50%, 69%
XYZ	22.7980, 16.0195, 42.9205
YIQ	114.7760, 5.1280, 39.2400

Conversions

Conversions Part 2

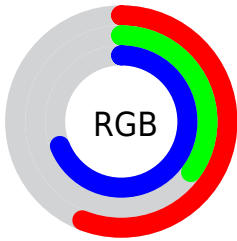
Format	Color
R_{YB}	144, 88, 176
Decimal	9459888
CIE _{Lab}	47.00, 39.11, -38.02
CIE _{LCh}	47, 54.548, 315.808
Yxy	16.0195, 0.2789, 0.1960
Android (android.graphics.Color)	4287649968 (0xFF9058B0)
YUV	114.7760, 30.1834, 25.6294
Hunter-Lab	40.0243, 31.6319, -35.5632

Details

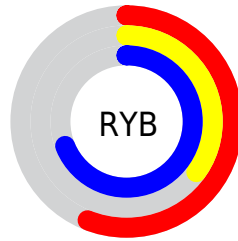
The CIELCh color $47, 54.548, 315.808$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $66, 52.035, 131.321$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 54.302, 315.923$, and $27, 54.601, 315.757$ is the 20% darker color. If you saturate the color by 10%, you get $43, 64.946, 316.135$, and if you desaturate by 10%, it is $52, 43.646, 315.405$.

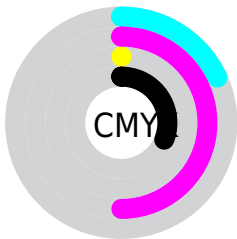
Distribution



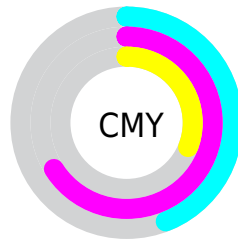
- Red (56%)
- Green (35%)
- Blue (69%)



- Red (56%)
- Yellow (35%)
- Blue (69%)



- Cyan (18%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (66%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 54.548, 315.808 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, 54.548, 315.808 by changing the saturation by 10% instead.

 47, 54.548,
315.808


 47, 54.548,
315.808

 100, 54.548,
315.808

 37, 54.548,
315.808

 67, 54.548,
315.808

 27, 54.548,
315.808

 77, 54.548,
315.808

 17, 54.548,
315.808

 87, 54.548,
315.808

 7, 54.548, 315.808

 97, 54.548,
315.808

 0, 54.548, 315.808

 47, 54.548,

 47, 54.548,

315.808

43, 64.946,
316.135

39, 74.380,
316.328

35, 82.266,
316.316

33, 88.016,
316.022

31, 91.745,
315.471

315.808

52, 43.646,
315.405

57, 32.570,
314.967

62, 21.531,
314.521


67, 10.659,
314.082

72, 0.028, 308.457

77, 10.324,
133.320

82, 20.380,
132.965

87, 30.140,
132.648

 92, 39.609,
132.364

Harmonies

Complementary

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



47, 54.548, 315.808



66, 52.035, 131.321

Rectangle

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



47, 54.548, 315.808



47, 54.548, 5.808



47, 54.548, 135.808



47, 54.548, 185.808

Sweetspot

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



47, 54.547, 315.808



82, 19.927, 314.311



50, 33.436, 277.532



42, 13.611, 314.401



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



47, 54.547, 315.808



55, 80.486, 316.162



51, 52.699, 331.300



34, 5.948, 314.050



26, 81.691, 315.602



1, 12.160, 310.492

Inverse Universe

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



49, 39.438, 357.963



58, 57.884, 0.288



65, 52.965, 144.048



34, 4.264, 352.496



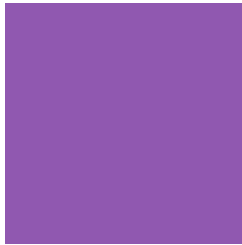
31, 57.542, 14.207



2, 8.538, 356.191

Previews

White Background



This preview shows how the CIELCh color 47, 54.548, 315.808 looks on a white background.

Color Contrast Check

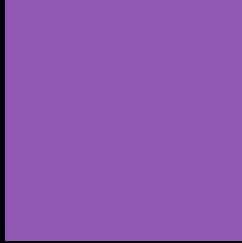
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.548, 315.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

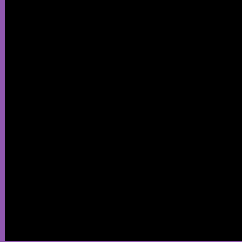
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 54.548, 315.808

Background



This preview shows how black text looks on a background with the CIELCh color 47, 54.548, 315.808.

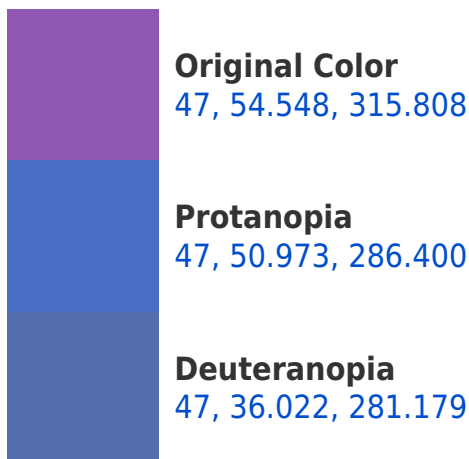


This preview shows how white text looks on a background with the CIELCh color 47, 54.548, 315.808.

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, 13.339, 0.545

Trichromacy



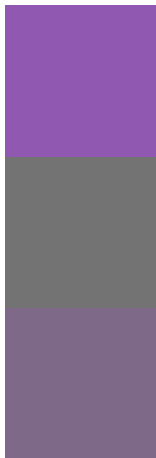
Original Color
47, 54.548, 315.808

Protanomaly
46, 51.468, 296.060

Deuteranomaly
47, 41.512, 296.367

Tritanomaly
47, 26.710, 328.124

Monochromacy



Original Color
47, 54.548, 315.808

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 20.628, 315.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 54.548, 315.808 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(144, 88, 176)` looks like.

```
.text, #text, p{  
    color:rgb(144, 88, 176)  
}
```

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(144, 88, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 88, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 54.548, 315.808 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(144, 88, 176) }
```

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

```
.border{ border-color:rgb(144, 88, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 88, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 88, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 88, 176);  
box-shadow:4px 4px 4px 4px rgb(144, 88,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 54.548, 315.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 88, 176) }
```

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

```
.background{ background-color: rgb(144, 88,  
176) }
```

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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