

Converting Colors

CIELCh(47, 39.375, 315.361)

Have a look what the booklet for
CIELCh(47, 39.375, 315.361)
contains.

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Color

CIELCh(47, 39.250, 315.639)

Conversions

Conversions Part 1

Format	Color
Hex	88609E
RGB	136, 96, 158
RGB Percent	53%, 38%, 62%
CMY	0.4673, 0.6241, 0.3811
CMYK	0.14, 0.39, 0.00, 0.38
HSL	279°, 24%, 50%
HSV	279°, 39%, 62%
XYZ	20.4509, 16.0195, 34.2842
YIQ	115.0280, 3.9380, 27.7620

Conversions

Conversions Part 2

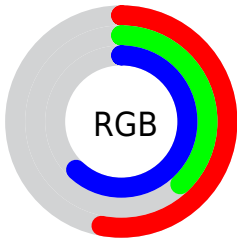
Format	Color
R_{YB}	136, 96, 158
Decimal	8937630
CIE _{Lab}	47.00, 28.06, -27.44
CIE _{LCh}	47, 39.250, 315.639
Yxy	16.0195, 0.2890, 0.2264
Android (android.graphics.Color)	4287127710 (0xFF88609E)
YUV	115.0280, 21.1852, 18.3924
Hunter-Lab	40.0243, 21.1642, -22.7699

Details

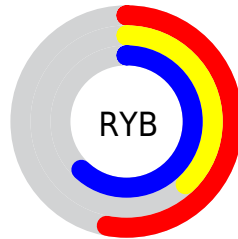
The CIELCh color $47, 39.250, 315.639$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 37.876, 132.146$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 39.431, 315.515$, and $27, 39.382, 315.936$ is the 20% darker color. If you saturate the color by 10%, you get $43, 49.252, 316.039$, and if you desaturate by 10%, it is $51, 29.101, 315.206$.

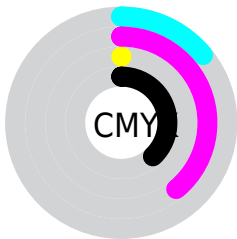
Distribution



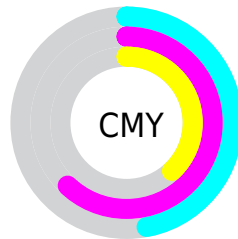
- Red (53%)
- Green (38%)
- Blue (62%)



- Red (53%)
- Yellow (38%)
- Blue (62%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (38%)




- Cyan (47%)
- Magenta (62%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 39.250, 315.639 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, 39.250, 315.639 by changing the saturation by 10% instead.


 47, 39.250,
315.639


 47, 39.250,
315.639


 100, 39.250,
315.639


 37, 39.250,
315.639

 67, 39.250,
315.639


 27, 39.250,
315.639

 77, 39.250,
315.639

 17, 39.250,
315.639

 87, 39.250,
315.639

 7, 39.250, 315.639

 97, 39.250,
315.639

 0, 39.250, 315.639

 47, 39.250,

 47, 39.250,

315.639

43, 49.252,
316.039

39, 58.827,
316.369

35, 67.571,
316.575

32, 74.972,
316.591

30, 80.498,
316.341

28, 84.219,
315.848

28, 84.487,
315.815

315.639

51, 29.101,
315.206

56, 18.994,
314.766

61, 9.042, 314.332

65, 0.691, 134.143

70, 10.170,
133.583

75, 19.382,
133.232

80, 28.324,
132.918

84, 37.003,
132.635

 89, 45.426,
132.384

Harmonies

Complementary

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



47, 39.250, 315.639



61, 37.876, 132.146

Rectangle

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



47, 39.250, 315.639



47, 39.250, 5.639



47, 39.250, 135.639



47, 39.250, 185.639

Sweetspot

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



47, 39.249, 315.639



75, 14.467, 314.460



50, 23.872, 274.855



39, 9.586, 314.511



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



47, 39.249, 315.639



56, 57.921, 315.987



49, 38.546, 330.627



31, 5.520, 314.331



25, 78.477, 315.903



1, 7.092, 312.876

Inverse Universe

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



48, 28.278, 356.703



58, 41.732, 358.118



60, 38.541, 145.276



31, 3.929, 353.055



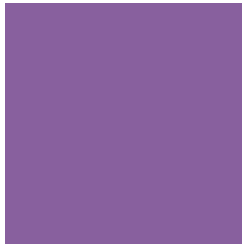
30, 55.478, 14.761



1, 5.006, 353.472

Previews

White Background



This preview shows how the CIELCh color 47, 39.250, 315.639 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 47, 39.250, 315.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

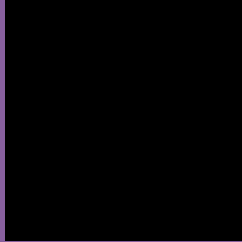
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 39.250, 315.639

Background



This preview shows how black text looks on a background with the CIELCh color 47, 39.250, 315.639.

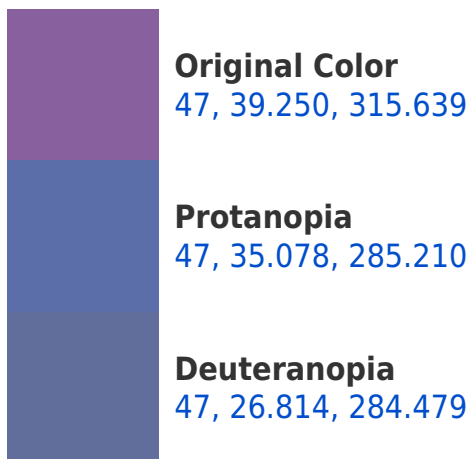


This preview shows how white text looks on a background with the CIELCh color 47, 39.250, 315.639.

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, 10.989, 355.444

Trichromacy



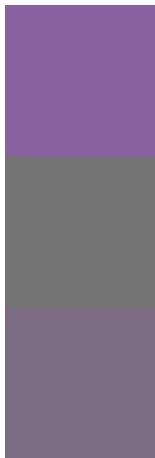
Original Color
47, 39.250, 315.639

Protanomaly
47, 35.579, 295.827

Deuteranomaly
47, 30.379, 297.981

Tritanomaly
47, 19.641, 327.554

Monochromacy



Original Color
47, 39.250, 315.639

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 14.851, 314.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 39.250, 315.639 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(136, 96, 158)` looks like.

```
.text, #text, p{  
    color:rgb(136, 96, 158)  
}
```

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(136, 96, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 96, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 39.250, 315.639 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(136, 96, 158) }
```

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

```
.border{ border-color:rgb(136, 96, 158) }
```

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

Here you see how a box with a 4 pixel rgb(136, 96, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 96, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 96, 158);  
box-shadow:4px 4px 4px 4px rgb(136, 96,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 39.250, 315.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 96, 158) }
```

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

```
.background{ background-color: rgb(136, 96,  
158) }
```

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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