

Converting Colors

CIELCh(50, 39.499, 331.621)

Have a look what the booklet for
CIELCh(50, 39.499, 331.621)
contains.

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Color

CIELCh(50, 39.218, 331.955)

Conversions

Conversions Part 1

Format	Color
Hex	A26197
RGB	162, 97, 151
RGB Percent	64%, 38%, 59%
CMY	0.3653, 0.6201, 0.4084
CMYK	0.00, 0.40, 0.07, 0.37
HSL	310°, 26%, 51%
HSV	310°, 40%, 63%
XYZ	24.7054, 18.4187, 31.4688
YIQ	122.5910, 21.4060, 30.5740

Conversions

Conversions Part 2

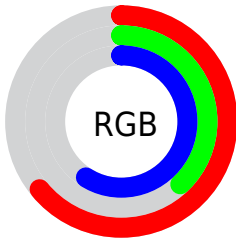
Format	Color
R _Y B	162, 97, 151
Decimal	10641815
CIE Lab	50.00, 34.61, -18.44
CIE LCh	50, 39.218, 331.955
Yxy	18.4187, 0.3312, 0.2469
Android (android.graphics.Color)	4288831895 (0xFFA26197)
YUV	122.5910, 14.0056, 34.5617
Hunter-Lab	42.9170, 27.6498, -13.4324

Details

The CIELCh color **50, 39.218, 331.955** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **61, 39.166, 146.292**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 39.115, 332.142**, and **30, 39.141, 332.035** is the 20% darker color. If you saturate the color by 10%, you get **47, 48.209, 332.609**, and if you desaturate by 10%, it is **54, 29.656, 331.312**.

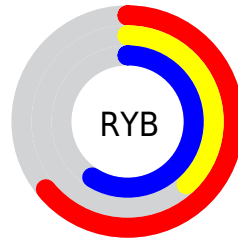
Distribution



Red (64%)

Green (38%)

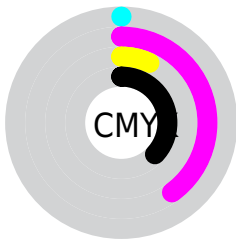
Blue (59%)



Red (64%)

Yellow (38%)

Blue (59%)

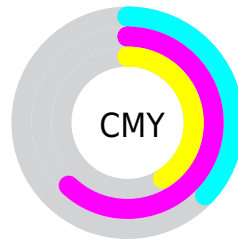


Cyan (0%)

Magenta (40%)

Yellow (7%)

Black (37%)



Cyan (37%)


Magenta (62%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 39.218, 331.955 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 50, 39.218, 331.955 by changing the saturation by 10% instead.


 50, 39.218,
331.955


 50, 39.218,
331.955


 100, 39.218,
331.955


 40, 39.218,
331.955


 70, 39.218,
331.955

 30, 39.218,
331.955


 80, 39.218,
331.955


 20, 39.218,
331.955

 90, 39.218,
331.955

 10, 39.218,
331.955

 0, 39.218, 331.955

 50, 39.218,
331.955

 50, 39.218,
331.955

47, 48.209,
332.609

54, 29.656,
331.312

43, 56.262,
333.273

58, 19.826,
330.679

41, 62.955,
333.955

62, 9.943, 330.053

39, 67.898,
334.667

66, 0.155, 327.827

71, 9.447, 148.943

38, 70.842,
335.432

75, 18.807,
148.384

37, 72.178,
336.244

80, 27.899,
147.859

85, 36.715,
147.364

89, 45.258,
146.896

Harmonies

Complementary

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



50, 39.218, 331.955



61, 39.166, 146.292

Rectangle

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



50, 39.218, 331.955



50, 39.218, 21.955



50, 39.218, 151.955



50, 39.218, 201.955

Sweetspot

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



50, 39.216, 331.955



78, 14.640, 330.184



45, 39.086, 300.456



41, 9.795, 330.260



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



50, 39.216, 331.955



61, 57.548, 332.528



49, 29.282, 358.346



32, 5.575, 329.998



33, 66.785, 336.158



1, 8.363, 330.967

Inverse Universe

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



50, 39.216, 331.955



61, 57.548, 332.528



62, 26.405, 169.618



32, 5.575, 329.998



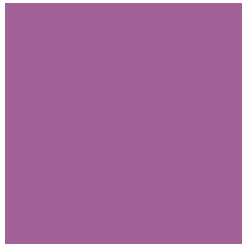
33, 66.785, 336.158



1, 8.363, 330.967

Previews

White Background



This preview shows how the CIELCh color 50, 39.218, 331.955 looks on a white background.

Color Contrast Check

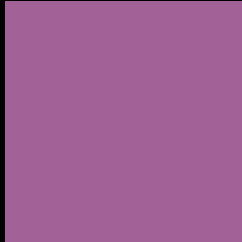
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 39.218, 331.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

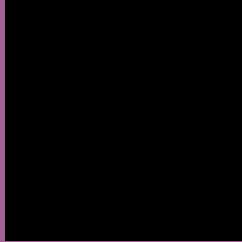
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 39.218, 331.955

Background



This preview shows how black text looks on a background with the CIELCh color 50, 39.218, 331.955.

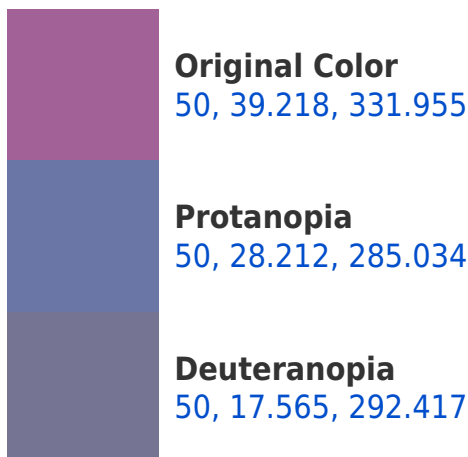


This preview shows how white text looks on a background with the CIELCh color 50, 39.218, 331.955.

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
50, 22.359, 10.456

Trichromacy



Original Color
50, 39.218, 331.955

Protanomaly
50, 29.984, 304.563

Deuteranomaly
50, 23.952, 313.747

Tritanomaly
50, 26.971, 350.731

Monochromacy



Original Color
50, 39.218, 331.955

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 14.369, 330.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 39.218, 331.955 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(162, 97, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 97, 151)  
}
```

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(162, 97, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 97, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 39.218, 331.955 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(162, 97, 151) }
```

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

```
.border{ border-color:rgb(162, 97, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 97, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 97, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 97, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 97,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 39.218, 331.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 97, 151) }
```

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

```
.background{ background-color: rgb(162, 97,  
151) }
```

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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