

Converting Colors

CIELCh(49, 39.447, 358.718)

Have a look what the booklet for
CIELCh(49, 39.447, 358.718)
contains.

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Color

CIELCh(49, 39.292, 358.767)

Conversions

Conversions Part 1

Format	Color
Hex	B05877
RGB	176, 88, 119
RGB Percent	69%, 35%, 47%
CMY	0.3091, 0.6542, 0.5327
CMYK	0.00, 0.50, 0.32, 0.31
HSL	339°, 36%, 52%
HSV	339°, 50%, 69%
XYZ	24.7890, 17.5941, 19.5938
YIQ	117.8460, 42.4970, 28.2970

Conversions

Conversions Part 2

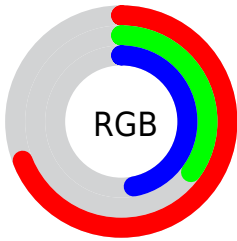
Format	Color
R_{YB}	176, 88, 119
Decimal	11556983
CIE _{Lab}	49.00, 39.28, -0.85
CIE _{LCh}	49, 39.292, 358.767
Yxy	17.5941, 0.4000, 0.2839
Android (android.graphics.Color)	4289747063 (0xFFB05877)
YUV	117.8460, 0.5689, 51.0011
Hunter-Lab	41.9453, 32.0864, 1.6657

Details

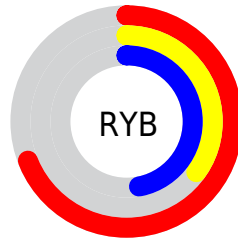
The CIELCh color $49, 39.292, 358.767$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $66, 34.915, 167.074$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 39.510, 358.760$, and $29, 39.519, 358.737$ is the 20% darker color. If you saturate the color by 10%, you get $45, 46.618, 0.884$, and if you desaturate by 10%, it is $53, 31.448, 357.047$.

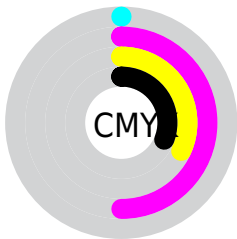
Distribution



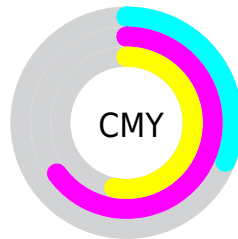
- Red (69%)
- Green (35%)
- Blue (47%)



- Red (69%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (32%)
- Black (31%)




- Cyan (31%)
- Magenta (65%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 39.292, 358.767 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 49, 39.292, 358.767 by changing the saturation by 10% instead.


 49, 39.292,
358.767


 49, 39.292,
358.767


 100, 39.292,
358.767


 39, 39.292,
358.767

 69, 39.292,
358.767


 29, 39.292,
358.767

 79, 39.292,
358.767

 19, 39.292,
358.767

 89, 39.292,
358.767

 9, 39.292, 358.767

 99, 39.292,
358.767

 0, 39.292, 358.767

 49, 39.292,

 49, 39.292,

358.767

358.767

45, 46.618, 0.884

53, 31.448,
357.047

42, 53.063, 3.535

58, 23.407,
355.614

40, 58.281, 6.889

38, 62.110, 11.105

62, 15.394,
354.392

37, 64.992, 16.038

67, 7.555, 353.315

37, 65.006, 16.060

72, 0.029, 186.831

77, 7.316, 171.684

82, 14.299,
170.917

87, 20.982,
170.237

92, 27.382,

Harmonies

Complementary

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



49, 39.292, 358.767



66, 34.915, 167.074

Rectangle

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



49, 39.292, 358.767



49, 39.292, 48.767



49, 39.292, 178.767



49, 39.292, 228.767

Sweetspot

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



49, 39.289, 358.769



82, 14.241, 353.874



47, 54.528, 315.712



42, 9.738, 354.097



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



49, 39.289, 358.769



58, 57.725, 1.145



51, 35.654, 34.296



35, 4.339, 353.250



32, 58.456, 15.380



2, 9.891, 357.931

Inverse Universe

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



49, 39.289, 358.769



58, 57.725, 1.145



63, 24.339, 213.310



35, 4.339, 353.250



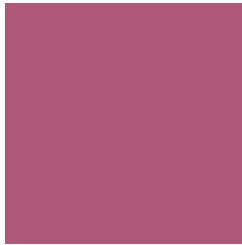
32, 58.456, 15.380



2, 9.891, 357.931

Previews

White Background



This preview shows how the CIELCh color 49, 39.292, 358.767 looks on a white background.

Color Contrast Check

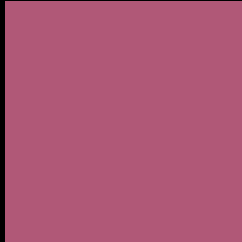
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 39.292, 358.767 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 49, 39.292, 358.767

Background



This preview shows how black text looks on a background with the CIELCh color 49, 39.292, 358.767.



This preview shows how white text looks on a background with the CIELCh color 49, 39.292, 358.767.

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



Original Color

49, 39.292, 358.767

Protanopia

49, 11.774, 286.246

Deuteranopia

49, 6.704, 10.134



Tritanopia
49, 35.798, 18.153

Trichromacy



Original Color
49, 39.292, 358.767

Protanomaly
48, 18.430, 331.869

Deuteranomaly
49, 18.898, 358.329

Tritanomaly
49, 36.429, 11.270

Monochromacy



Original Color
49, 39.292, 358.767

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 14.630, 355.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 39.292, 358.767 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(176, 88, 119)` looks like.

```
.text, #text, p{  
    color:rgb(176, 88, 119)  
}
```

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(176, 88, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 88, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 39.292, 358.767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

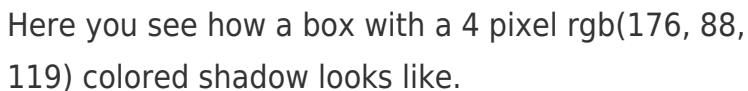
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 88, 119) }
```

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

```
.border{ border-color:rgb(176, 88, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 88, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 88, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 88, 119); box-shadow:4px 4px 4px 4px rgb(176, 88, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 39.292, 358.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 88, 119) }
```

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

```
.background{ background-color: rgb(176, 88,  
119) }
```

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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