

Converting Colors

CIELCh(49, 28.369, 358.518)

Have a look what the booklet for
CIELCh(49, 28.369, 358.518)
contains.

CIELCh(49, 28.399, 358.183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(49, 28.399, 358.183)

Conversions

Conversions Part 1

Format	Color
Hex	A16277
RGB	161, 98, 119
RGB Percent	63%, 38%, 47%
CMY	0.3693, 0.6163, 0.5339
CMYK	0.00, 0.39, 0.26, 0.37
HSL	340°, 25%, 51%
HSV	340°, 39%, 63%
XYZ	22.3375, 17.5941, 19.6224
YIQ	119.2310, 30.8070, 19.8870

Conversions

Conversions Part 2

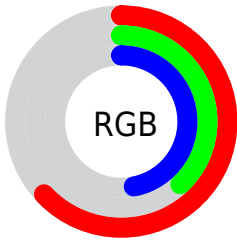
Format	Color
R_{YB}	161, 98, 119
Decimal	10576503
CIE Lab	49.00, 28.38, -0.90
CIE LCh	49, 28.399, 358.183
Yxy	17.5941, 0.3751, 0.2954
Android (android.graphics.Color)	4288766583 (0xFFA16277)
YUV	119.2310, -0.1139, 36.6314
Hunter-Lab	41.9453, 21.6541, 1.6252

Details

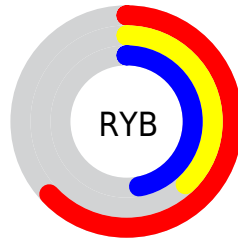
The CIELCh color $49, 28.399, 358.183$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 25.674, 169.738$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 28.163, 358.460$, and $29, 28.360, 358.323$ is the 20% darker color. If you saturate the color by 10%, you get $45, 35.705, 359.896$, and if you desaturate by 10%, it is $53, 20.955, 356.760$.

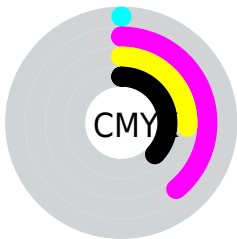
Distribution



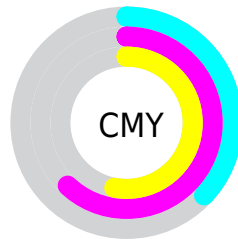
- Red (63%)
- Green (38%)
- Blue (47%)



- Red (63%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (37%)



- Cyan (37%)
- Magenta (62%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 28.399, 358.183 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, 28.399, 358.183 by changing the saturation by 10% instead.

 49, 28.399,
358.183

 49, 28.399,
358.183

 100, 28.399,
358.183

 39, 28.399,
358.183

 69, 28.399,
358.183

 29, 28.399,
358.183

 79, 28.399,
358.183

 19, 28.399,
358.183

 89, 28.399,
358.183

 9, 28.399, 358.183

 99, 28.399,
358.183

 0, 28.399, 358.183

 49, 28.399,

 49, 28.399,

358.183

358.183

45, 35.705,
359.896

53, 20.955,
356.760

42, 42.606, 1.998

57, 13.575,
355.546

39, 48.772, 4.627

62, 6.378, 354.472

36, 53.887, 7.947

67, 0.568, 174.318

35, 57.781, 12.113

71, 7.232, 172.862

34, 60.800, 16.991

76, 13.609,
172.106

34, 61.070, 17.392

81, 19.708,
171.435

85, 25.543,
170.826

90, 31.136,

Harmonies

Complementary

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



49, 28.399, 358.183



62, 25.674, 169.738

Rectangle

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



49, 28.399, 358.183



49, 28.399, 48.183



49, 28.399, 178.183



49, 28.399, 228.183

Sweetspot

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



49, 28.397, 358.185



77, 10.403, 354.792



48, 39.773, 315.791



40, 6.901, 354.918



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



49, 28.397, 358.185



59, 42.281, 359.659



51, 24.558, 34.796



32, 3.986, 354.484



30, 56.591, 16.865



1, 5.997, 355.819

Inverse Universe

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



49, 28.397, 358.185



59, 42.281, 359.659



59, 18.507, 214.833



32, 3.986, 354.484



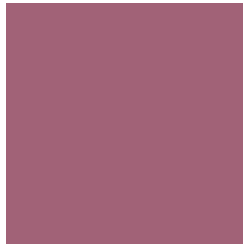
30, 56.591, 16.865



1, 5.997, 355.819

Previews

White Background



This preview shows how the CIELCh color 49, 28.399, 358.183 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, 28.399, 358.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

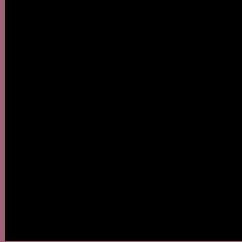
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 28.399, 358.183

Background



This preview shows how black text looks on a background with the CIELCh color 49, 28.399, 358.183.



This preview shows how white text looks on a background with the CIELCh color 49, 28.399, 358.183.

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, 28.399, 358.183

Protanopia
49, 8.225, 288.586

Deuteranopia
49, 6.410, 4.263



Tritanopia
49, 25.935, 13.988

Trichromacy



Original Color
49, 28.399, 358.183

Protanomaly
49, 13.591, 333.855

Deuteranomaly
49, 14.804, 358.118

Tritanomaly
49, 26.541, 7.998

Monochromacy



Original Color
49, 28.399, 358.183

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 10.513, 354.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 28.399, 358.183 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(161, 98, 119)` looks like.

```
.text, #text, p{  
    color:rgb(161, 98, 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(161, 98, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 98, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 28.399, 358.183 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(161, 98, 119) }
```

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

```
.border{ border-color:rgb(161, 98, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 98, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 98, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 98, 119);  
box-shadow:4px 4px 4px 4px rgb(161, 98,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 28.399, 358.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 98, 119) }
```

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

```
.background{ background-color: rgb(161, 98,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor