

Converting Colors

CIELCh(49, 26.639, 354.907)

Have a look what the booklet for
CIELCh(49, 26.639, 354.907)
contains.

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Color

CIELCh(49, 26.734, 354.705)

Conversions

Conversions Part 1

Format	Color
Hex	9D6379
RGB	157, 99, 121
RGB Percent	62%, 39%, 47%
CMY	0.3827, 0.6103, 0.5240
CMYK	0.00, 0.37, 0.23, 0.38
HSL	337°, 23%, 50%
HSV	337°, 37%, 62%
XYZ	21.9564, 17.5941, 20.4502
YIQ	118.8500, 27.5060, 19.1380

Conversions

Conversions Part 2

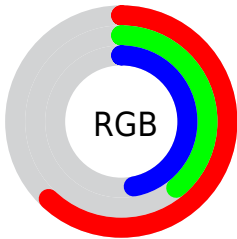
Format	Color
R_{YB}	157, 99, 121
Decimal	10314617
CIE _{Lab}	49.00, 26.62, -2.47
CIE _{LCh}	49, 26.734, 354.705
Yxy	17.5941, 0.3659, 0.2932
Android (android.graphics.Color)	4288504697 (0xFF9D6379)
YUV	118.8500, 1.0600, 33.4576
Hunter-Lab	41.9453, 20.0324, 0.4552

Details

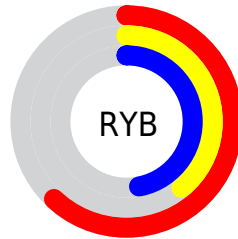
The CIELCh color $49, 26.734, 354.705$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 24.724, 167.060$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 26.562, 355.371$, and $29, 26.677, 354.150$ is the 20% darker color. If you saturate the color by 10%, you get $45, 34.002, 356.250$, and if you desaturate by 10%, it is $53, 19.330, 353.403$.

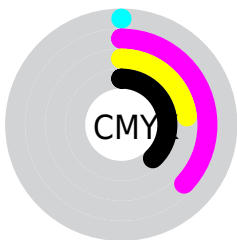
Distribution



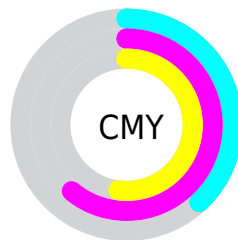
- Red (62%)
- Green (39%)
- Blue (47%)



- Red (62%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (37%)
- Yellow (23%)
- Black (38%)





- Cyan (38%)
- Magenta (61%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 26.734, 354.705 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, 26.734, 354.705 by changing the saturation by 10% instead.


 49, 26.734,
354.705


 49, 26.734,
354.705


 100, 26.734,
354.705


 39, 26.734,
354.705

 69, 26.734,
354.705


 29, 26.734,
354.705

 79, 26.734,
354.705

 19, 26.734,
354.705

 89, 26.734,
354.705

 9, 26.734, 354.705

 99, 26.734,
354.705

 0, 26.734, 354.705

 49, 26.734,

 49, 26.734,

354.705

45, 34.002,
356.250

42, 40.878,
358.120

39, 47.029, 0.435

36, 52.116, 3.347

34, 55.900, 7.024

33, 58.487, 11.529

33, 59.297, 12.963

354.705

53, 19.330,
353.403

57, 11.981,
352.273

62, 4.801, 351.247

66, 2.146, 170.632

71, 8.830, 169.719

75, 15.245,
168.993

80, 21.397,
168.341

85, 27.301,
167.744

89, 32.974,

Harmonies

Complementary

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



49, 26.734, 354.705



61, 24.724, 167.060

Rectangle

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



49, 26.734, 354.705



49, 26.734, 44.705



49, 26.734, 174.705



49, 26.734, 224.705

Sweetspot

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



49, 26.732, 354.707



76, 9.569, 351.688



48, 36.553, 314.626



39, 6.427, 351.814



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



49, 26.732, 354.707



59, 39.453, 355.914



50, 23.065, 31.733



31, 3.984, 351.490



30, 55.159, 12.470



1, 5.075, 351.962

Inverse Universe

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



49, 26.732, 354.707



59, 39.453, 355.914



59, 17.713, 210.508



31, 3.984, 351.490



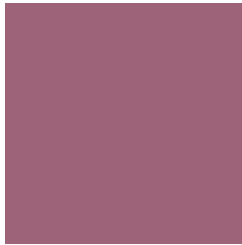
30, 55.159, 12.470



1, 5.075, 351.962

Previews

White Background



This preview shows how the CIELCh color 49, 26.734, 354.705 looks on a white background.

Color Contrast Check

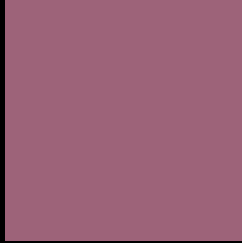
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.734, 354.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

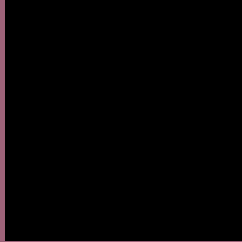
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 49, 26.734, 354.705

Background



This preview shows how black text looks on a background with the CIELCh color 49, 26.734, 354.705.



This preview shows how white text looks on a background with the CIELCh color 49, 26.734, 354.705.

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, 26.734, 354.705

Protanopia
49, 9.397, 289.087

Deuteranopia
49, 6.706, 348.590



Tritanopia
49, 23.287, 12.531

Trichromacy



Original Color
49, 26.734, 354.705

Protanomaly
49, 13.255, 328.114

Deuteranomaly
49, 14.116, 351.444

Tritanomaly
49, 24.511, 4.939

Monochromacy



Original Color
49, 26.734, 354.705

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 9.765, 352.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 26.734, 354.705 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(157, 99, 121)` looks like.

```
.text, #text, p{  
    color:rgb(157, 99, 121)  
}
```

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(157, 99, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 99, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 26.734, 354.705 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(157, 99, 121) }
```

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

```
.border{ border-color:rgb(157, 99, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 99, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 99, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 99, 121);  
box-shadow:4px 4px 4px 4px rgb(157, 99,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 26.734, 354.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 99, 121) }
```

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

```
.background{ background-color: rgb(157, 99,  
121) }
```

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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