

Converting Colors

CIELCh(49, 25.380, 347.951)

Have a look what the booklet for
CIELCh(49, 25.380, 347.951)
contains.

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Color

CIELCh(49, 25.349, 347.927)

Conversions

Conversions Part 1

Format	Color
Hex	99657E
RGB	153, 101, 126
RGB Percent	60%, 40%, 49%
CMY	0.3999, 0.6038, 0.5058
CMYK	0.00, 0.34, 0.18, 0.40
HSL	331°, 20%, 50%
HSV	331°, 34%, 60%
XYZ	21.5655, 17.5941, 22.0065
YIQ	119.3980, 22.9670, 18.7990

Conversions

Conversions Part 2

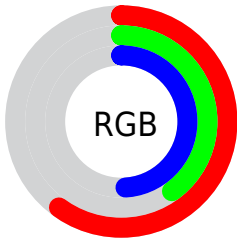
Format	Color
RYB	153, 101, 126
Decimal	10052990
CIELab	49.00, 24.79, -5.30
CIELCh	49, 25.349, 347.927
Yxy	17.5941, 0.3526, 0.2876
Android (android.graphics.Color)	4288243070 (0xFF99657E)
YUV	119.3980, 3.2548, 29.4690
Hunter-Lab	41.9453, 18.3689, -1.7447

Details

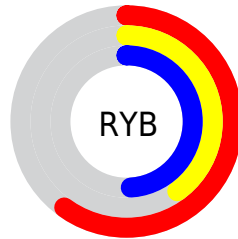
The CIELCh color $49, 25.349, 347.927$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 24.238, 161.525$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 25.138, 347.620$, and $29, 25.385, 348.229$ is the 20% darker color. If you saturate the color by 10%, you get $45, 32.734, 349.185$, and if you desaturate by 10%, it is $53, 17.802, 346.833$.

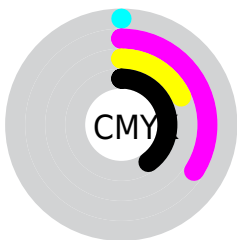
Distribution



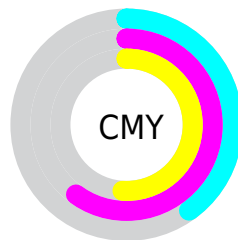
- Red (60%)
- Green (40%)
- Blue (49%)



- Red (60%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (18%)
- Black (40%)





- Cyan (40%)
- Magenta (60%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 25.349, 347.927 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, 25.349, 347.927 by changing the saturation by 10% instead.


 49, 25.349,
347.927


 49, 25.349,
347.927


 100, 25.349,
347.927


 39, 25.349,
347.927

 69, 25.349,
347.927


 29, 25.349,
347.927

 79, 25.349,
347.927

 19, 25.349,
347.927

 89, 25.349,
347.927

 9, 25.349, 347.927

 99, 25.349,
347.927

 0, 25.349, 347.927

 49, 25.349,

 49, 25.349,

347.927

347.927

■ 45, 32.734,
349.185

■ 53, 17.802,
346.833

■ 42, 39.705,
350.662

■ 57, 10.279,
345.856

■ 39, 45.930,
352.440

■ 61, 2.892, 344.907

■ 36, 51.037,
354.633

■ 66, 4.294, 164.320

■ 34, 54.710,
357.385

■ 70, 11.245,
163.555

■ 33, 56.827, 0.850

■ 75, 17.951,
162.885

■ 32, 57.791, 3.123

■ 79, 24.414,
162.271

■ 84, 30.645,
161.704

■ 88, 36.658,
161.177

Harmonies

Complementary

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



49, 25.349, 347.927



59, 24.238, 161.525

Rectangle

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



49, 25.349, 347.927



49, 25.349, 37.927



49, 25.349, 167.927



49, 25.349, 217.927

Sweetspot

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



49, 25.347, 347.929



75, 9.063, 345.506



47, 32.336, 311.246



39, 6.177, 345.624



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



49, 25.347, 347.929



59, 37.830, 348.896



49, 22.354, 23.512



30, 4.131, 345.417



29, 54.254, 2.752



1, 4.391, 345.146

Inverse Universe

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



49, 25.347, 347.929



59, 37.830, 348.896



60, 17.727, 199.416



30, 4.131, 345.417



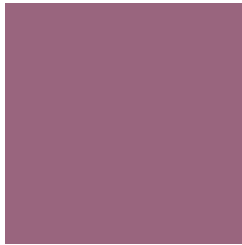
29, 54.254, 2.752



1, 4.391, 345.146

Previews

White Background



This preview shows how the CIELCh color 49, 25.349, 347.927 looks on a white background.

Color Contrast Check

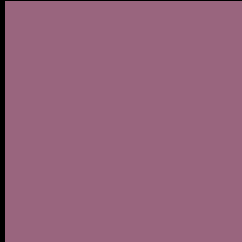
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.349, 347.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

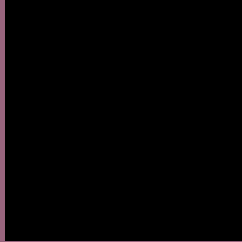
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 25.349, 347.927

Background



This preview shows how black text looks on a background with the CIELCh color 49, 25.349, 347.927.



This preview shows how white text looks on a background with the CIELCh color 49, 25.349, 347.927.

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, 25.349, 347.927

Protanopia

49, 11.191, 285.865

Deuteranopia

49, 8.079, 327.273



Tritanopia
49, 20.243, 10.526

Trichromacy



Original Color
49, 25.349, 347.927

Protanomaly
49, 14.070, 319.769

Deuteranomaly
49, 14.047, 339.336

Tritanomaly
49, 21.652, 1.974

Monochromacy



Original Color
49, 25.349, 347.927

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 9.680, 343.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 25.349, 347.927 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(153, 101, 126)` looks like.

```
.text, #text, p{  
    color:rgb(153, 101, 126)  
}
```

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(153, 101, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 101, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 25.349, 347.927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

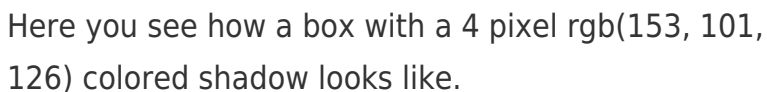
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 101, 126) }
```

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

```
.border{ border-color:rgb(153, 101, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 101, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 101, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 101, 126); box-shadow:4px 4px 4px 4px rgb(153, 101, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 25.349, 347.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 101, 126) }
```

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

```
.background{ background-color: rgb(153,  
101, 126) }
```

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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