

Converting Colors

CIELCh(49, 34.246, 323.274)

Have a look what the booklet for
CIELCh(49, 34.246, 323.274)
contains.

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Color

CIELCh(49, 34.306, 323.352)

Conversions

Conversions Part 1

Format	Color
Hex	926497
RGB	146, 100, 151
RGB Percent	57%, 39%, 59%
CMY	0.4257, 0.6062, 0.4061
CMYK	0.03, 0.34, 0.00, 0.41
HSL	294°, 20%, 49%
HSV	294°, 34%, 59%
XYZ	22.1512, 17.5941, 31.6936
YIQ	119.5680, 11.0450, 25.6130

Conversions

Conversions Part 2

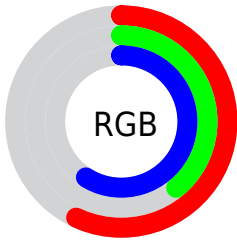
Format	Color
R_{YB}	146, 100, 151
Decimal	9594007
CIE _{Lab}	49.00, 27.52, -20.48
CIE _{LCh}	49, 34.306, 323.352
Yxy	17.5941, 0.3101, 0.2463
Android (android.graphics.Color)	4287784087 (0xFF926497)
YUV	119.5680, 15.4960, 23.1809
Hunter-Lab	41.9453, 20.8611, -15.4374

Details

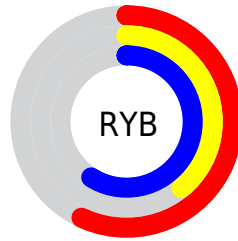
The CIELCh color $49, 34.306, 323.352$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 34.097, 139.742$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 33.921, 323.677$, and $29, 34.264, 323.050$ is the 20% darker color. If you saturate the color by 10%, you get $45, 44.183, 323.781$, and if you desaturate by 10%, it is $53, 24.133, 322.889$.

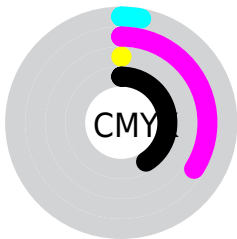
Distribution



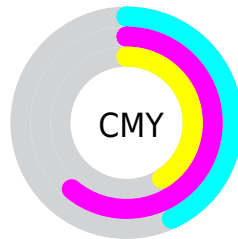
- Red (57%)
- Green (39%)
- Blue (59%)



- Red (57%)
- Yellow (39%)
- Blue (59%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (41%)



- Cyan (43%)
- Magenta (61%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 34.306, 323.352 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, 34.306, 323.352 by changing the saturation by 10% instead.


 49, 34.306,
323.352


 49, 34.306,
323.352


 100, 34.306,
323.352


 39, 34.306,
323.352

 69, 34.306,
323.352


 29, 34.306,
323.352

 79, 34.306,
323.352

 19, 34.306,
323.352

 89, 34.306,
323.352

 9, 34.306, 323.352

 99, 34.306,
323.352

 0, 34.306, 323.352

 49, 34.306,

 49, 34.306,

323.352

■ 45, 44.183,
323.781

■ 42, 53.475,
324.155

■ 39, 61.810,
324.448

■ 37, 68.780,
324.634

■ 35, 74.017,
324.688

■ 34, 77.310,
324.591

■ 33, 78.837,
324.491

323.352

■ 53, 24.133,
322.889

■ 57, 13.888,
322.409

■ 61, 3.720, 321.896

■ 65, 6.274, 141.512

■ 70, 16.034,
141.044

■ 74, 25.531,
140.612

■ 78, 34.749,
140.207

■ 83, 43.687,
139.829

■ 87, 52.352,
139.478

Harmonies

Complementary

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



49, 34.306, 323.352



58, 34.097, 139.742

Rectangle

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



49, 34.306, 323.352



49, 34.306, 13.352



49, 34.306, 143.352



49, 34.306, 193.352

Sweetspot

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



49, 34.304, 323.352



74, 12.507, 322.237



46, 27.321, 290.237



39, 8.608, 322.301



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, 34.304, 323.352



60, 50.125, 323.661



49, 26.811, 341.374



30, 5.764, 322.190



30, 74.538, 324.515



1, 6.171, 321.477

Inverse Universe

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



48, 22.055, 14.813



58, 32.957, 15.935



58, 26.210, 155.720



30, 3.462, 11.988



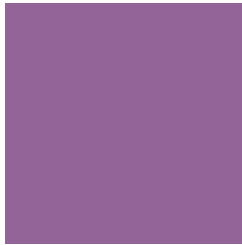
28, 62.865, 34.887



1, 3.637, 11.448

Previews

White Background



This preview shows how the CIE LCh color 49, 34.306, 323.352 looks on a white background.

Color Contrast Check

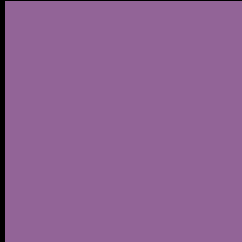
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.306, 323.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

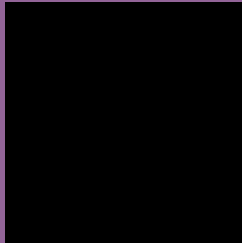
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 49, 34.306, 323.352

Background



This preview shows how black text looks on a background with the CIELCh color 49, 34.306, 323.352.



This preview shows how white text looks on a background with the CIELCh color 49, 34.306, 323.352.

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, 34.306, 323.352

Protanopia

49, 28.334, 285.155

Deuteranopia

49, 19.981, 288.689



Tritanopia
49, 14.844, 3.037

Trichromacy



Original Color
49, 34.306, 323.352

Protanomaly
49, 29.042, 299.278

Deuteranomaly
49, 24.171, 305.237

Tritanomaly
49, 20.892, 340.003

Monochromacy



Original Color
49, 34.306, 323.352

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 12.534, 323.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 34.306, 323.352 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(146, 100, 151)` looks like.

```
.text, #text, p{  
    color:rgb(146, 100, 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(146, 100, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 100, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 34.306, 323.352 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(146, 100, 151) }
```

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

```
.border{ border-color:rgb(146, 100, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 100, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 100, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 100, 151);  
box-shadow:4px 4px 4px 4px rgb(146, 100,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 34.306, 323.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 100, 151) }
```

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

```
.background{ background-color: rgb(146,  
100, 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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