

Converting Colors

CIELCh(49, 31.639, 327.316)

Have a look what the booklet for
CIELCh(49, 31.639, 327.316)
contains.

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Color

CIELCh(49, 31.639, 327.316)

Conversions

Conversions Part 1

Format	Color
Hex	946592
RGB	148, 101, 146
RGB Percent	58%, 40%, 57%
CMY	0.4207, 0.6049, 0.4285
CMYK	0.00, 0.32, 0.01, 0.42
HSL	303°, 19%, 49%
HSV	303°, 32%, 58%
XYZ	21.9585, 17.5941, 29.3221
YIQ	120.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

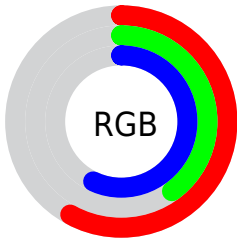
Format	Color
R_{YB}	148, 101, 146
Decimal	9725330
CIE _{Lab}	49.00, 26.63, -17.09
CIE _{LCh}	49, 31.639, 327.316
Yxy	17.5941, 0.3188, 0.2555
Android (android.graphics.Color)	4287915410 (0xFF946592)
YUV	120.1830, 12.7278, 24.3955
Hunter-Lab	41.9453, 20.0410, -12.0854

Details

The CIELCh color $49, 31.639, 327.316$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 31.639, 143.387$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 31.434, 327.474$, and $29, 31.361, 327.320$ is the 20% darker color. If you saturate the color by 10%, you get $46, 41.220, 327.839$, and if you desaturate by 10%, it is $53, 21.732, 326.774$.

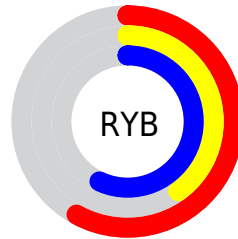
Distribution



Red (58%)

Green (40%)

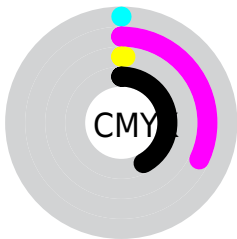
Blue (57%)



Red (58%)

Yellow (40%)

Blue (57%)

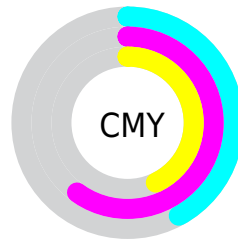


Cyan (0%)

Magenta (32%)

Yellow (1%)

Black (42%)



Cyan (42%)


Magenta (60%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 31.639, 327.316 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, 31.639, 327.316 by changing the saturation by 10% instead.


 49, 31.639,
327.316


 49, 31.639,
327.316


 100, 31.639,
327.316


 39, 31.639,
327.316

 69, 31.639,
327.316


 29, 31.639,
327.316

 79, 31.639,
327.316

 19, 31.639,
327.316

 89, 31.639,
327.316

 9, 31.639, 327.316

 99, 31.639,
327.316

 0, 31.639, 327.316

 49, 31.639,

 49, 31.639,

327.316

46, 41.220,
327.839

43, 50.183,
328.329

40, 58.170,
328.776

38, 64.804,
329.169

36, 69.756,
329.500

35, 72.850,
329.771

34, 74.451,
329.963

327.316

53, 21.732,
326.774

57, 11.728,
326.219

60, 1.784, 325.575

65, 7.994, 145.189

69, 17.542,
144.659

73, 26.825,
144.160

77, 35.827,
143.687

81, 44.546,
143.239

■ 86, 52.988,
142.819

Harmonies

Complementary

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



49, 31.639, 327.316



57, 31.639, 143.387

Rectangle

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



49, 31.639, 327.316



49, 31.639, 17.316



49, 31.639, 147.316



49, 31.639, 197.316

Sweetspot

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



49, 31.637, 327.316



72, 12.255, 326.129



45, 28.143, 295.099



38, 8.433, 326.201



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



49, 31.637, 327.316



60, 46.416, 327.683



48, 22.850, 348.499



29, 5.611, 326.073



32, 70.751, 329.952



1, 4.880, 325.593

Inverse Universe

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



49, 31.637, 327.316



60, 46.416, 327.683



57, 21.846, 162.539



29, 5.611, 326.073



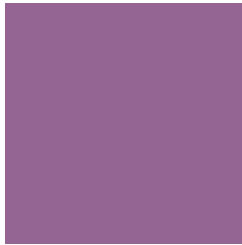
32, 70.751, 329.952



1, 4.880, 325.593

Previews

White Background



This preview shows how the CIELCh color 49, 31.639, 327.316 looks on a white background.

Color Contrast Check

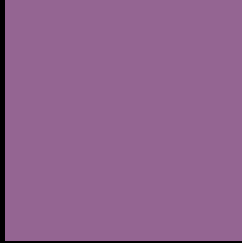
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 49, 31.639, 327.316 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, 31.639, 327.316

Background



This preview shows how black text looks on a background with the CIELCh color 49, 31.639, 327.316.



This preview shows how white text looks on a background with the CIELCh color 49, 31.639, 327.316.

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, 31.639, 327.316

Protanopia
49, 24.204, 285.223

Deuteranopia
49, 17.068, 293.616



Tritanopia
49, 16.081, 4.678

Trichromacy



Original Color
49, 31.639, 327.316

Protanomaly
49, 25.125, 302.300

Deuteranomaly
49, 21.761, 310.668

Tritanomaly
49, 20.182, 344.703

Monochromacy



Original Color
49, 31.639, 327.316

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 11.579, 326.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 31.639, 327.316 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(148, 101, 146)` looks like.

```
.text, #text, p{  
    color:rgb(148, 101, 146)  
}
```

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(148, 101, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 101, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 31.639, 327.316 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(148, 101, 146) }
```

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

```
.border{ border-color:rgb(148, 101, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 101, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 101, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 101, 146);  
box-shadow:4px 4px 4px 4px rgb(148, 101,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 31.639, 327.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 101, 146) }
```

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

```
.background{ background-color: rgb(148,  
101, 146) }
```

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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