

Converting Colors

CIELCh(49, 34.403, 52.820)

Have a look what the booklet for
CIELCh(49, 34.403, 52.820) contains.

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Color

CIELCh(49, 34.479, 52.803)

Conversions

Conversions Part 1

Format	Color
Hex	A26647
RGB	162, 102, 71
RGB Percent	64%, 40%, 28%
CMY	0.3653, 0.6005, 0.7221
CMYK	0.00, 0.37, 0.56, 0.37
HSL	20°, 39%, 46%
HSV	20°, 56%, 63%
XYZ	20.7396, 17.5941, 8.2423
YIQ	116.4060, 45.7110, 3.0790

Conversions

Conversions Part 2

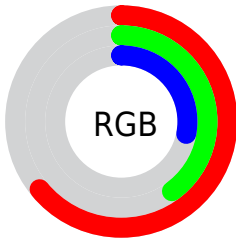
Format	Color
RYB	162, 118, 71
Decimal	10643015
CIELab	49.00, 20.84, 27.46
CIElCh	49, 34.479, 52.803
Yxy	17.5941, 0.4453, 0.3777
Android (android.graphics.Color)	4288833095 (0xFFA26647)
YUV	116.4060, -22.3852, 39.9859
Hunter-Lab	41.9453, 14.8542, 17.7112

Details

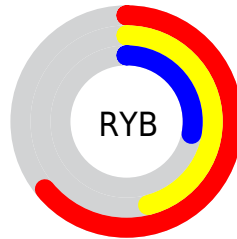
The CIELCh color **49, 34.479, 52.803** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **52, 24.696, 245.456**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 34.672, 52.208**, and **29, 34.727, 52.498** is the 20% darker color. If you saturate the color by 10%, you get **46, 41.942, 52.365**, and if you desaturate by 10%, it is **52, 27.368, 53.316**.

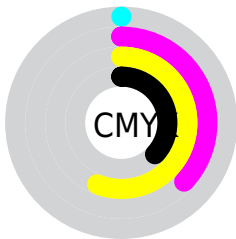
Distribution



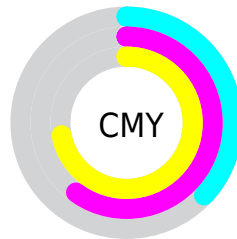
- Red (64%)
- Green (40%)
- Blue (28%)



- Red (64%)
- Yellow (46%)
- Blue (28%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 34.479, 52.803 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, 34.479, 52.803 by changing the saturation by 10% instead.

■ 49, 34.479, 52.803

■ 49, 34.479, 52.803

■ 100, 34.479,
52.803

■ 39, 34.479, 52.803

■ 69, 34.479, 52.803

■ 29, 34.479, 52.803

■ 79, 34.479, 52.803

■ 19, 34.479, 52.803

■ 89, 34.479, 52.803

■ 9, 34.479, 52.803

■ 99, 34.479, 52.803

■ 0, 34.479, 52.803

■ 49, 34.479, 52.803

■ 49, 34.479, 52.803

■ 46, 41.942, 52.365

■ 52, 27.368, 53.316

■ 44, 49.564, 51.920

■ 55, 20.686, 53.907

41, 56.900, 51.285

58, 14.442, 54.572

39, 63.175, 50.141

61, 8.620, 55.288

39, 65.579, 49.898

65, 3.189, 55.987

68, 1.890, 237.145

71, 6.653, 237.814

75, 11.138,
238.618

78, 15.378,
239.433

Harmonies

Complementary

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



49, 34.479, 52.803



52, 24.696, 245.456

Rectangle

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



49, 34.479, 52.803



49, 34.479, 102.803



49, 34.479, 232.803



49, 34.479, 282.803

Sweetspot

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



49, 34.478, 52.807



78, 11.291, 55.207



44, 47.802, 340.333



41, 7.664, 55.069



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



49, 34.478, 52.807



59, 53.125, 52.277



61, 41.828, 95.971



33, 2.956, 55.788



35, 60.408, 50.227



2, 4.476, 52.623

Inverse Universe

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



52, 24.696, 245.456



64, 34.996, 249.112



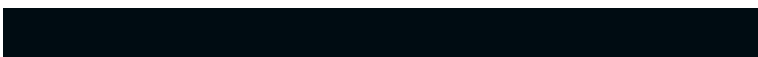
39, 46.300, 291.746



33, 2.830, 237.533



39, 34.145, 262.240



3, 4.533, 243.709

Previews

White Background



This preview shows how the CIELCh color 49, 34.479, 52.803 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, 34.479, 52.803 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, 34.479, 52.803

Background



This preview shows how black text looks on a background with the CIELCh color 49, 34.479, 52.803.



This preview shows how white text looks on a background with the CIELCh color 49, 34.479, 52.803.

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, 34.479, 52.803

Protanopia

49, 23.603, 95.947

Deuteranopia

49, 28.953, 77.714



Tritanopia
49, 28.601, 15.267

Trichromacy



Original Color
49, 34.479, 52.803

Protanomaly
49, 25.209, 75.096

Deuteranomaly
49, 29.937, 67.054

Tritanomaly
49, 29.008, 29.791

Monochromacy



Original Color
49, 34.479, 52.803

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 11.577, 53.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 34.479, 52.803 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(162, 102, 71)` looks like.

```
.text, #text, p{  
    color:rgb(162, 102, 71)  
}
```

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(162, 102, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 102, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 34.479, 52.803 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(162, 102, 71) }
```

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

```
.border{ border-color:rgb(162, 102, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 102, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 102, 71); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 102, 71); box-shadow:4px 4px 4px 4px rgb(162, 102, 71) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 34.479, 52.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 102, 71) }
```

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

```
.background{ background-color: rgb(162,  
102, 71) }
```

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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