

Converting Colors

CIELCh(49, 31.397, 24.915)

Have a look what the booklet for
CIELCh(49, 31.397, 24.915) contains.

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Color

CIELCh(49, 31.175, 25.579)

Conversions

Conversions Part 1

Format	Color
Hex	A7615F
RGB	167, 97, 95
RGB Percent	65%, 38%, 37%
CMY	0.3451, 0.6196, 0.6274
CMYK	0.00, 0.42, 0.43, 0.35
HSL	2°, 29%, 51%
HSV	2°, 43%, 65%
XYZ	22.2800, 17.5941, 13.0503
YIQ	117.7020, 42.3620, 14.2180

Conversions

Conversions Part 2

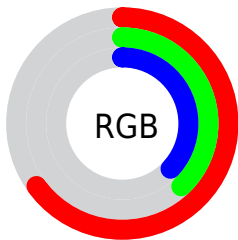
Format	Color
RYB	167, 97, 95
Decimal	10969439
CIELab	49.00, 28.12, 13.46
CIELCh	49, 31.175, 25.579
Yxy	17.5941, 0.4210, 0.3324
Android (android.graphics.Color)	4289159519 (0xFFA7615F)
YUV	117.7020, -11.1921, 43.2343
Hunter-Lab	41.9453, 21.4093, 10.9150

Details

The CIELCh color **49, 31.175, 25.579** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 22.894, 200.314**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 30.957, 26.314**, and **29, 30.997, 25.854** is the 20% darker color. If you saturate the color by 10%, you get **45, 39.628, 27.305**, and if you desaturate by 10%, it is **53, 23.105, 24.263**.

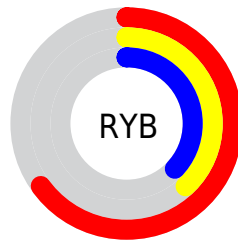
Distribution



Red (65%)

Green (38%)

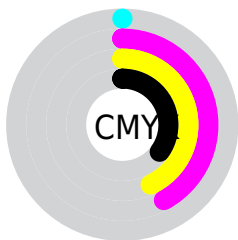
Blue (37%)



Red (65%)

Yellow (38%)

Blue (37%)

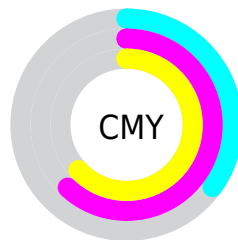


Cyan (0%)

Magenta (42%)

Yellow (43%)

Black (35%)



Cyan (35%)

Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 31.175, 25.579 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, 31.175, 25.579 by changing the saturation by 10% instead.

■ 49, 31.175, 25.579

■ 49, 31.175, 25.579

■ 100, 31.175,
25.579

■ 39, 31.175, 25.579

■ 69, 31.175, 25.579

■ 29, 31.175, 25.579

■ 79, 31.175, 25.579

■ 19, 31.175, 25.579

■ 89, 31.175, 25.579

■ 9, 31.175, 25.579

■ 99, 31.175, 25.579

■ 0, 31.175, 25.579

■ 49, 31.175, 25.579

■ 49, 31.175, 25.579

■ 45, 39.628, 27.305

■ 53, 23.105, 24.263

■ 42, 48.294, 29.519

■ 58, 15.524, 23.253

39, 56.905, 32.257

62, 8.468, 22.468

37, 65.040, 35.379

67, 1.932, 21.697

35, 71.846, 38.317

72, 4.112, 201.624

35, 75.617, 40.199

77, 9.708, 201.217

82, 14.902,
200.938

86, 19.741,
200.729

91, 24.267,
200.568

Harmonies

Complementary

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



49, 31.175, 25.579



63, 22.894, 200.314

Rectangle

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



49, 31.175, 25.579



49, 31.175, 75.579



49, 31.175, 205.579



49, 31.175, 255.579

Sweetspot

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



49, 31.173, 25.583



79, 10.385, 22.477



51, 47.691, 327.165



41, 7.387, 22.631



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



49, 31.173, 25.583



58, 47.944, 27.272



58, 26.457, 71.801



33, 3.623, 22.204



30, 68.644, 39.797



1, 6.416, 21.450

Inverse Universe

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



63, 22.894, 200.314



80, 32.417, 200.160



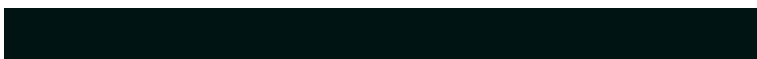
53, 23.732, 264.730



35, 3.418, 201.466



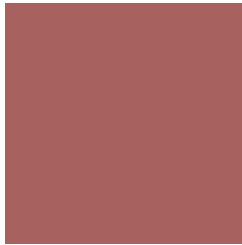
54, 32.142, 200.770



5, 6.321, 202.815

Previews

White Background



This preview shows how the CIELCh color 49, 31.175, 25.579 looks on a white background.

Color Contrast Check

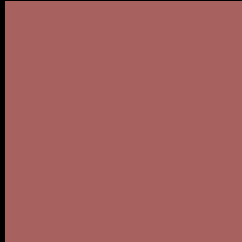
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.175, 25.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

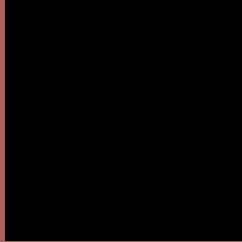
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 31.175, 25.579

Background



This preview shows how black text looks on a background with the CIELCh color 49, 31.175, 25.579.

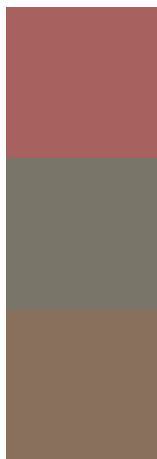


This preview shows how white text looks on a background with the CIELCh color 49, 31.175, 25.579.

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, 31.175, 25.579

Protanopia

49, 7.309, 92.487

Deuteranopia

49, 16.280, 65.571



Tritanopia
49, 31.280, 16.416

Trichromacy



Original Color
49, 31.175, 25.579

Protanomaly
49, 13.329, 43.732

Deuteranomaly
49, 20.298, 44.763

Tritanomaly
49, 31.459, 19.557

Monochromacy



Original Color
49, 31.175, 25.579

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 10.966, 20.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 31.175, 25.579 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(167, 97, 95)` looks like.

```
.text, #text, p{  
    color:rgb(167, 97, 95)  
}
```

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(167, 97, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 97, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 31.175, 25.579 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(167, 97, 95) }
```

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

```
.border{ border-color:rgb(167, 97, 95) }
```

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

Here you see how a box with a 4 pixel rgb(167, 97, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 97, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 97, 95);  
box-shadow:4px 4px 4px 4px rgb(167, 97,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 31.175, 25.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 97, 95) }
```

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

```
.background{ background-color: rgb(167, 97,  
95) }
```

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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