

Converting Colors

CIELCh(49, 27.675, 24.140)

Have a look what the booklet for
CIELCh(49, 27.675, 24.140) contains.

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Color

CIELCh(49, 27.805, 24.190)

Conversions

Conversions Part 1

Format	Color
Hex	A26362
RGB	162, 99, 98
RGB Percent	64%, 39%, 38%
CMY	0.3633, 0.6105, 0.6144
CMYK	0.00, 0.39, 0.39, 0.36
HSL	1°, 26%, 51%
HSV	1°, 39%, 64%
XYZ	21.6878, 17.5941, 13.8880
YIQ	117.7230, 37.8690, 13.0450

Conversions

Conversions Part 2

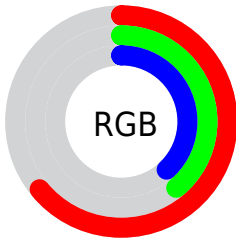
Format	Color
R_{YB}	162, 99, 98
Decimal	10642274
CIE _{Lab}	49.00, 25.36, 11.39
CIE _{LCh}	49, 27.805, 24.190
Yxy	17.5941, 0.4079, 0.3309
Android (android.graphics.Color)	4288832354 (0xFFA26362)
YUV	117.7230, -9.7234, 38.8309
Hunter-Lab	41.9453, 18.8891, 9.7308

Details

The CIELCh color **49, 27.805, 24.190** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 21.098, 199.150**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 27.732, 24.255**, and **29, 27.800, 23.842** is the 20% darker color. If you saturate the color by 10%, you get **45, 35.994, 25.826**, and if you desaturate by 10%, it is **53, 20.020, 22.942**.

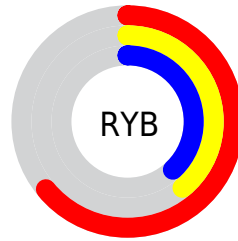
Distribution



Red (64%)

Green (39%)

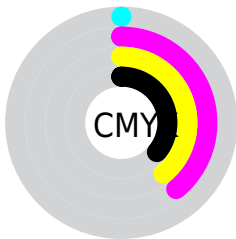
Blue (38%)



Red (64%)

Yellow (39%)

Blue (38%)

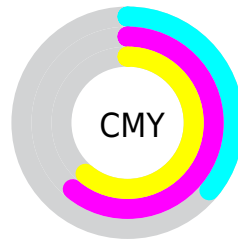


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (36%)



Cyan (36%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 27.805, 24.190 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, 27.805, 24.190 by changing the saturation by 10% instead.

■ 49, 27.805, 24.190

■ 49, 27.805, 24.190

■ 100, 27.805,
24.190

■ 39, 27.805, 24.190

■ 69, 27.805, 24.190

■ 29, 27.805, 24.190

■ 79, 27.805, 24.190

■ 19, 27.805, 24.190

■ 89, 27.805, 24.190

■ 9, 27.805, 24.190

■ 99, 27.805, 24.190

■ 0, 27.805, 24.190

■ 49, 27.805, 24.190

■ 49, 27.805, 24.190

■ 45, 35.994, 25.826

■ 53, 20.020, 22.942

■ 41, 44.438, 27.936

■ 58, 12.725, 21.977

38, 52.903, 30.592

62, 5.944, 21.204

36, 61.047, 33.744

67, 0.336, 202.133

34, 68.263, 37.016

72, 6.147, 200.361

34, 73.827, 39.823

77, 11.534,
199.983

34, 74.128, 39.972

81, 16.541,
199.701

86, 21.214,
199.481

91, 25.595,
199.307

Harmonies

Complementary

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



49, 27.805, 24.190



62, 21.098, 199.150

Rectangle

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



49, 27.805, 24.190



49, 27.805, 74.190



49, 27.805, 204.190



49, 27.805, 254.190

Sweetspot

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



49, 27.803, 24.194



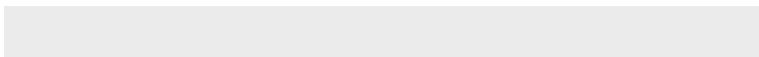
78, 9.474, 21.408



51, 43.328, 326.510



41, 6.365, 21.499



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, 27.803, 24.194



59, 42.256, 25.543



57, 23.304, 70.592



32, 3.573, 21.192



30, 67.845, 39.520



1, 5.385, 20.615

Inverse Universe

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



62, 21.098, 199.150



79, 29.939, 198.925



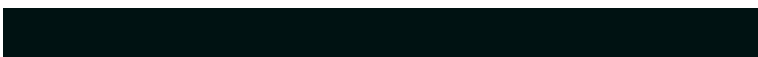
53, 20.874, 262.013



34, 3.373, 200.381



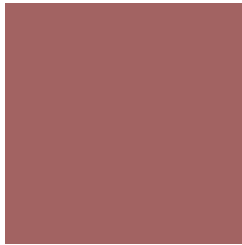
54, 32.250, 198.824



4, 5.349, 201.218

Previews

White Background



This preview shows how the CIELCh color 49, 27.805, 24.190 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, 27.805, 24.190 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, 27.805, 24.190

Background



This preview shows how black text looks on a background with the CIELCh color 49, 27.805, 24.190.

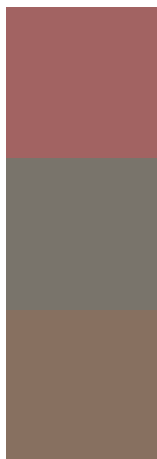


This preview shows how white text looks on a background with the CIELCh color 49, 27.805, 24.190.

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, 27.805, 24.190

Protanopia

49, 5.655, 87.756

Deuteranopia

49, 13.875, 62.223



Tritanopia
49, 28.157, 13.904

Trichromacy



Original Color
49, 27.805, 24.190

Protanomaly
49, 11.752, 37.869

Deuteranomaly
49, 17.903, 40.082

Tritanomaly
49, 28.239, 17.416

Monochromacy



Original Color
49, 27.805, 24.190

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 9.654, 20.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 27.805, 24.190 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, 99, 98)` looks like.

```
.text, #text, p{  
    color:rgb(162, 99, 98)  
}
```

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, 99, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 99, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 27.805, 24.190 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, 99, 98) }
```

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

```
.border{ border-color:rgb(162, 99, 98) }
```

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

Here you see how a box with a 4 pixel rgb(162, 99, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 99, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 99, 98);  
box-shadow:4px 4px 4px 4px rgb(162, 99,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 27.805, 24.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 99, 98) }
```

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

```
.background{ background-color: rgb(162, 99,  
98) }
```

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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