

Converting Colors

CIELCh(49, 24.968, 336.129)

Have a look what the booklet for
CIELCh(49, 24.968, 336.129)
contains.

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Color

CIELCh(49, 24.949, 336.191)

Conversions

Conversions Part 1

Format	Color
Hex	936786
RGB	147, 103, 134
RGB Percent	58%, 40%, 53%
CMY	0.4239, 0.5964, 0.4749
CMYK	0.00, 0.30, 0.09, 0.42
HSL	318°, 18%, 49%
HSV	318°, 30%, 58%
XYZ	21.1519, 17.5941, 24.7999
YIQ	119.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

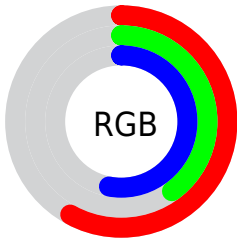
Format	Color
R_{YB}	147, 103, 134
Decimal	9660294
CIE _{Lab}	49.00, 22.83, -10.07
CIE _{LCh}	49, 24.949, 336.191
Yxy	17.5941, 0.3329, 0.2769
Android (android.graphics.Color)	4287850374 (0xFF936786)
YUV	119.6900, 7.0548, 23.9509
Hunter-Lab	41.9453, 16.6084, -5.6932

Details

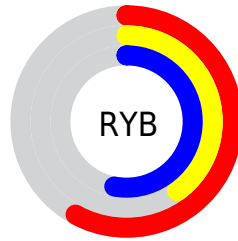
The CIELCh color $49, 24.949, 336.191$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 24.695, 151.767$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 24.714, 336.742$, and $29, 24.987, 336.939$ is the 20% darker color. If you saturate the color by 10%, you get $45, 33.110, 336.989$, and if you desaturate by 10%, it is $53, 16.593, 335.443$.

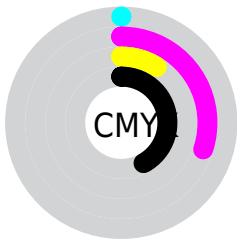
Distribution



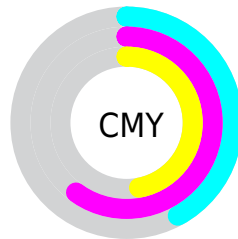
- Red (58%)
- Green (40%)
- Blue (53%)



- Red (58%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 24.949, 336.191 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, 24.949, 336.191 by changing the saturation by 10% instead.


 49, 24.949,
336.191


 49, 24.949,
336.191


 100, 24.949,
336.191


 39, 24.949,
336.191

 69, 24.949,
336.191


 29, 24.949,
336.191

 79, 24.949,
336.191

 19, 24.949,
336.191

 89, 24.949,
336.191

 9, 24.949, 336.191

 99, 24.949,
336.191

 0, 24.949, 336.191

 49, 24.949,

 49, 24.949,

336.191

45, 33.110,
336.989

42, 40.831,
337.848

39, 47.784,
338.790

37, 53.591,
339.847

35, 57.886,
341.065

33, 60.412,
342.505

32, 61.577,
344.157

32, 61.583,
344.166

336.191

53, 16.593,
335.443

57, 8.226, 334.728

61, 0.038, 161.169

65, 8.125, 153.513

69, 15.997,
152.910

74, 23.637,
152.350

78, 31.040,
151.825

82, 38.211,
151.332

86, 45.163,

Harmonies

Complementary

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



49, 24.949, 336.191



57, 24.695, 151.767

Rectangle

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



49, 24.949, 336.191



49, 24.949, 26.191



49, 24.949, 156.191



49, 24.949, 206.191

Sweetspot

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



49, 24.947, 336.192



73, 9.224, 334.674



46, 26.636, 303.211



38, 6.467, 334.769



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, 24.947, 336.192



60, 37.092, 336.727



48, 19.220, 5.220



29, 4.695, 334.676



30, 58.814, 344.044



1, 4.077, 334.100

Inverse Universe

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



49, 24.947, 336.192



60, 37.092, 336.727



58, 17.134, 179.245



29, 4.695, 334.676



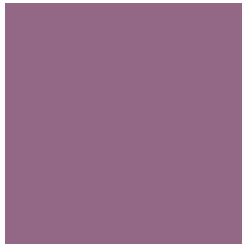
30, 58.814, 344.044



1, 4.077, 334.100

Previews

White Background



This preview shows how the CIELCh color 49, 24.949, 336.191 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, 24.949, 336.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

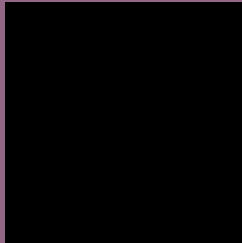
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 24.949, 336.191

Background



This preview shows how black text looks on a background with the CIELCh color 49, 24.949, 336.191.



This preview shows how white text looks on a background with the CIELCh color 49, 24.949, 336.191.

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, 24.949, 336.191

Protanopia

49, 15.326, 285.341

Deuteranopia

49, 10.963, 305.781



Tritanopia
49, 16.638, 3.238

Trichromacy



Original Color
49, 24.949, 336.191

Protanomaly
49, 17.274, 308.760

Deuteranomaly
49, 15.659, 321.624

Tritanomaly
49, 19.024, 350.545

Monochromacy



Original Color
49, 24.949, 336.191

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 9.113, 335.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 24.949, 336.191 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(147, 103, 134)` looks like.

```
.text, #text, p{  
    color:rgb(147, 103, 134)  
}
```

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(147, 103, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 103, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 24.949, 336.191 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(147, 103, 134) }
```

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

```
.border{ border-color:rgb(147, 103, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 103, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 103, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 103, 134);  
box-shadow:4px 4px 4px 4px rgb(147, 103,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 24.949, 336.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 103, 134) }
```

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

```
.background{ background-color: rgb(147,  
103, 134) }
```

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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