

Converting Colors

CIELCh(49, 14.266, 348.664)

Have a look what the booklet for
CIELCh(49, 14.266, 348.664)
contains.

CIELCh(49, 14.674, 347.398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(49, 14.674, 347.398)

Conversions

Conversions Part 1

Format	Color
Hex	8A6C7A
RGB	138, 108, 122
RGB Percent	54%, 42%, 48%
CMY	0.4581, 0.5757, 0.5208
CMYK	0.00, 0.22, 0.12, 0.46
HSL	332°, 12%, 48%
HSV	332°, 22%, 54%
XYZ	19.4202, 17.5941, 20.8461
YIQ	118.5660, 13.3860, 10.7140

Conversions

Conversions Part 2

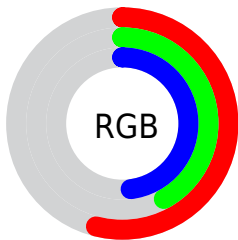
Format	Color
R_{YB}	138, 108, 122
Decimal	9071738
CIE Lab	49.00, 14.32, -3.20
CIE LCh	49, 14.674, 347.398
Yxy	17.5941, 0.3356, 0.3041
Android (android.graphics.Color)	4287261818 (0xFF8A6C7A)
YUV	118.5660, 1.6930, 17.0436
Hunter-Lab	41.9453, 9.2391, -0.1044

Details

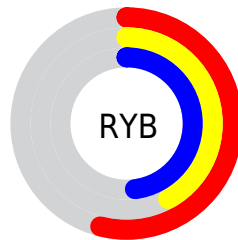
The CIELCh color $49, 14.674, 347.398$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 14.228, 163.608$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 14.401, 348.656$, and $29, 14.902, 348.441$ is the 20% darker color. If you saturate the color by 10%, you get $45, 21.573, 348.473$, and if you desaturate by 10%, it is $53, 7.829, 346.437$.

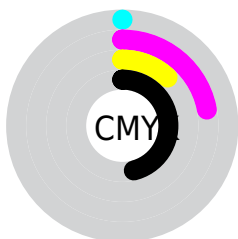
Distribution



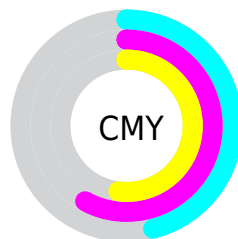
- Red (54%)
- Green (42%)
- Blue (48%)



- Red (54%)
- Yellow (42%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (46%)



- Cyan (46%)
- Magenta (58%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 14.674, 347.398 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, 14.674, 347.398 by changing the saturation by 10% instead.


 49, 14.674,
347.398


 49, 14.674,
347.398


 100, 14.674,
347.398

 39, 14.674,
347.398

 69, 14.674,
347.398


 29, 14.674,
347.398

 79, 14.674,
347.398

 19, 14.674,
347.398

 89, 14.674,
347.398

 9, 14.674, 347.398

 99, 14.674,
347.398

 0, 14.674, 347.398

 49, 14.674,

 49, 14.674,

347.398

347.398

45, 21.573,
348.473

53, 7.829, 346.437

42, 28.388,
349.699

57, 1.133, 345.350

38, 34.906,
351.134

61, 5.367, 164.921

35, 40.846,
352.853

65, 11.646,
164.185

33, 45.882,
354.963

69, 17.701,
163.529

31, 49.704,
357.599

73, 23.535,
162.927

30, 52.141, 0.918

77, 29.159,
162.370

29, 53.596, 4.010

81, 34.587,
161.853

86, 39.833,

Harmonies

Complementary

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



49, 14.674, 347.398



55, 14.228, 163.608

Rectangle

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



49, 14.674, 347.398



49, 14.674, 37.398



49, 14.674, 167.398



49, 14.674, 217.398

Sweetspot

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



49, 14.672, 347.400



69, 5.733, 346.014



48, 18.801, 311.176



36, 3.713, 346.057



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



49, 14.672, 347.400



60, 21.736, 347.903



49, 12.345, 23.546



27, 3.749, 346.200



28, 52.024, 3.817



0, 1.720, 345.488

Inverse Universe

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



49, 14.672, 347.400



60, 21.736, 347.903



55, 10.722, 201.476



27, 3.749, 346.200



28, 52.024, 3.817



0, 1.720, 345.488

Previews

White Background



This preview shows how the CIELCh color 49, 14.674, 347.398 looks on a white background.

Color Contrast Check

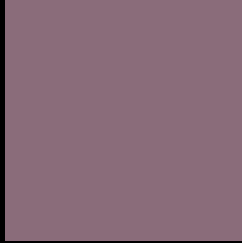
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.674, 347.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

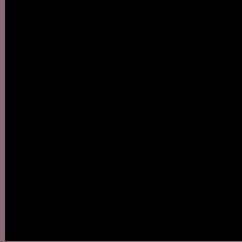
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 14.674, 347.398

Background



This preview shows how black text looks on a background with the CIELCh color 49, 14.674, 347.398.



This preview shows how white text looks on a background with the CIELCh color 49, 14.674, 347.398.

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, 14.674, 347.398

Protanopia
49, 6.462, 291.032

Deuteranopia
49, 7.064, 338.622



Tritanopia
49, 12.840, 359.729

Trichromacy



Original Color
49, 14.674, 347.398

Protanomaly
49, 8.336, 322.615

Deuteranomaly
49, 9.694, 343.402

Tritanomaly
49, 13.244, 354.954

Monochromacy



Original Color
49, 14.674, 347.398

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 5.347, 346.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 14.674, 347.398 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(138, 108, 122)` looks like.

```
.text, #text, p{  
    color:rgb(138, 108, 122)  
}
```

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(138, 108, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 108, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 14.674, 347.398 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(138, 108, 122) }
```

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

```
.border{ border-color:rgb(138, 108, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 108, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 108, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 108, 122);  
box-shadow:4px 4px 4px 4px rgb(138, 108,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 14.674, 347.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 108, 122) }
```

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

```
.background{ background-color: rgb(138,  
108, 122) }
```

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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