

Converting Colors

CIELCh(49, 14.788, 22.479)

Have a look what the booklet for
CIELCh(49, 14.788, 22.479) contains.

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Color

CIELCh(49, 14.999, 23.406)

Conversions

Conversions Part 1

Format	Color
Hex	8F6C6B
RGB	143, 108, 107
RGB Percent	56%, 42%, 42%
CMY	0.4396, 0.5768, 0.5808
CMYK	0.00, 0.24, 0.25, 0.44
HSL	2°, 14%, 49%
HSV	2°, 25%, 56%
XYZ	19.3104, 17.5941, 16.2610
YIQ	118.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

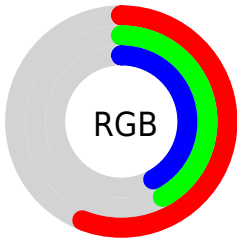
Format	Color
R_{YB}	143, 108, 107
Decimal	9399403
CIE _{Lab}	49.00, 13.76, 5.96
CIE _{LCh}	49, 14.999, 23.406
Yxy	17.5941, 0.3632, 0.3309
Android (android.graphics.Color)	4287589483 (0xFF8F6C6B)
YUV	118.3510, -5.5960, 21.6172
Hunter-Lab	41.9453, 8.7722, 6.3766

Details

The CIELCh color **49, 14.999, 23.406** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 12.704, 200.819**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 14.705, 24.928**, and **29, 15.241, 22.183** is the 20% darker color. If you saturate the color by 10%, you get **45, 21.748, 24.454**, and if you desaturate by 10%, it is **53, 8.701, 22.604**.

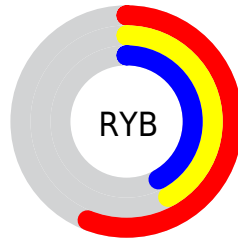
Distribution



Red (56%)

Green (42%)

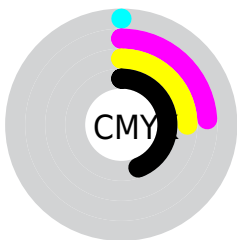
Blue (42%)



Red (56%)

Yellow (42%)

Blue (42%)

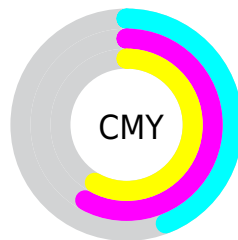


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 14.999, 23.406 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, 14.999, 23.406 by changing the saturation by 10% instead.

 49, 14.999, 23.406

 49, 14.999, 23.406

 100, 14.999,
23.406

 39, 14.999, 23.406

 69, 14.999, 23.406

 29, 14.999, 23.406

 79, 14.999, 23.406

 19, 14.999, 23.406

 89, 14.999, 23.406

 9, 14.999, 23.406

 99, 14.999, 23.406

 0, 14.999, 23.406

 49, 14.999, 23.406

 49, 14.999, 23.406

 45, 21.748, 24.454

 53, 8.701, 22.604

 41, 28.912, 25.813

 57, 2.859, 21.901

38, 36.394, 27.578

61, 2.549, 201.761

35, 44.033, 29.829

66, 7.560, 201.294

33, 51.589, 32.589

70, 12.211,
200.998

31, 58.675, 35.689

74, 16.545,
200.777

30, 64.442, 38.465

29, 66.745, 39.629

78, 20.598,
200.608

83, 24.405,
200.477

87, 27.997,
200.376

Harmonies

Complementary

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



49, 14.999, 23.406



57, 12.704, 200.819

Rectangle

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



49, 14.999, 23.406



49, 14.999, 73.406



49, 14.999, 203.406



49, 14.999, 253.406

Sweetspot

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



49, 14.998, 23.412



71, 5.533, 22.120



50, 24.863, 326.225



37, 3.985, 22.215



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



49, 14.998, 23.412



60, 22.624, 23.946



54, 13.081, 74.118



28, 3.158, 22.189



27, 63.745, 39.305



0, 2.063, 21.791

Inverse Universe

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



57, 12.704, 200.819



71, 18.406, 200.643



51, 12.330, 260.891



30, 2.984, 201.478



50, 30.110, 200.734



2, 2.063, 201.809

Previews

White Background



This preview shows how the CIELCh color 49, 14.999, 23.406 looks on a white background.

Color Contrast Check

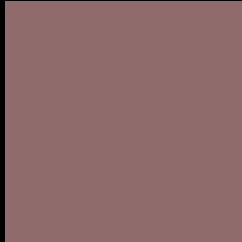
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.999, 23.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

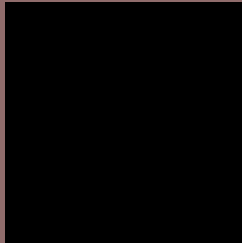
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 14.999, 23.406

Background



This preview shows how black text looks on a background with the CIELCh color 49, 14.999, 23.406.



This preview shows how white text looks on a background with the CIELCh color 49, 14.999, 23.406.

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, 14.999, 23.406

Protanopia

49, 3.346, 80.223

Deuteranopia

49, 9.086, 46.807



Tritanopia
49, 16.081, 4.678

Trichromacy



Original Color
49, 14.999, 23.406

Protanomaly
49, 6.518, 35.611

Deuteranomaly
49, 11.102, 35.723

Tritanomaly
49, 15.822, 10.845

Monochromacy



Original Color
49, 14.999, 23.406

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 5.365, 19.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 14.999, 23.406 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(143, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(143, 108, 107)  
}
```

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(143, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 108, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 14.999, 23.406 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(143, 108, 107) }
```

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

```
.border{ border-color:rgb(143, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(143, 108,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 14.999, 23.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 108, 107) }
```

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

```
.background{ background-color: rgb(143,  
108, 107) }
```

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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