

Converting Colors

CIELCh(49, 10.923, 32.854)

Have a look what the booklet for
CIELCh(49, 10.923, 32.854) contains.

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Color

CIELCh(49, 10.923, 32.854)

Conversions

Conversions Part 1

Format	Color
Hex	886F6B
RGB	136, 111, 107
RGB Percent	53%, 44%, 42%
CMY	0.4676, 0.5655, 0.5812
CMYK	0.00, 0.18, 0.21, 0.47
HSL	8°, 12%, 48%
HSV	8°, 21%, 53%
XYZ	18.4201, 17.5941, 16.2760
YIQ	118.0190, 16.1840, 4.0560

Conversions

Conversions Part 2

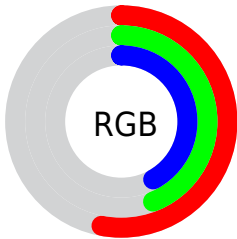
Format	Color
R_{YB}	136, 112, 107
Decimal	8941419
CIE Lab	49.00, 9.18, 5.93
CIE LCh	49, 10.923, 32.854
Yxy	17.5941, 0.3523, 0.3365
Android (android.graphics.Color)	4287131499 (0xFF886F6B)
YUV	118.0190, -5.4324, 15.7693
Hunter-Lab	41.9453, 4.9832, 6.3555

Details

The CIELCh color **49, 10.923, 32.854** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 9.491, 212.715**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 11.003, 34.579**, and **29, 11.132, 31.060** is the 20% darker color. If you saturate the color by 10%, you get **46, 16.699, 33.261**, and if you desaturate by 10%, it is **53, 5.577, 32.598**.

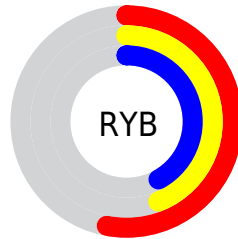
Distribution



Red (53%)

Green (44%)

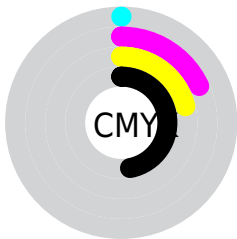
Blue (42%)



Red (53%)

Yellow (44%)

Blue (42%)

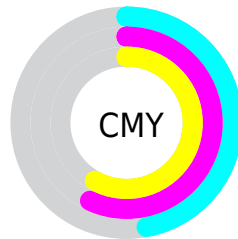


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (47%)



Cyan (47%)













Magenta (57%)







Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 10.923, 32.854 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, 10.923, 32.854 by changing the saturation by 10% instead.

 49, 10.923, 32.854	 49, 10.923, 32.854
 100, 10.923, 32.854	 39, 10.923, 32.854
 69, 10.923, 32.854	 29, 10.923, 32.854
 79, 10.923, 32.854	 19, 10.923, 32.854
 89, 10.923, 32.854	 9, 10.923, 32.854
 99, 10.923, 32.854	 0, 10.923, 32.854

 49, 10.923, 32.854	 49, 10.923, 32.854
 46, 16.699, 33.261	 53, 5.577, 32.598
 42, 22.918, 33.854	 56, 0.637, 31.912

39, 29.562, 34.694

60, 3.932, 212.655

36, 36.569, 35.825

63, 8.168, 212.652

34, 43.809, 37.262

67, 12.107,
212.738

31, 51.025, 38.929

71, 15.786,
212.869

30, 57.668, 40.521

29, 62.344, 41.607

74, 19.234,
213.031

78, 22.481,
213.212

82, 25.550,
213.407

Harmonies

Complementary

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



49, 10.923, 32.854



53, 9.491, 212.715

Rectangle

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



49, 10.923, 32.854



49, 10.923, 82.854



49, 10.923, 212.854



49, 10.923, 262.854

Sweetspot

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



49, 10.922, 32.863



69, 3.568, 32.463



49, 18.658, 329.526



36, 2.390, 32.480



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, 10.922, 32.863



60, 16.787, 33.050



53, 11.511, 85.710



27, 2.780, 32.547



28, 61.111, 41.515



0, 1.248, 32.550

Inverse Universe

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



53, 9.491, 212.715



67, 14.037, 212.817



49, 11.361, 271.372



28, 2.627, 212.644



44, 26.936, 221.294



1, 1.248, 212.569

Previews

White Background



This preview shows how the CIELCh color 49, 10.923, 32.854 looks on a white background.

Color Contrast Check

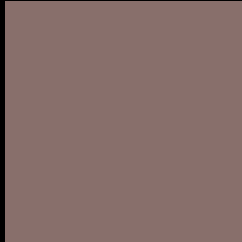
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.923, 32.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

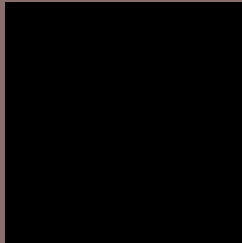
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 10.923, 32.854

Background



This preview shows how black text looks on a background with the CIELCh color 49, 10.923, 32.854.

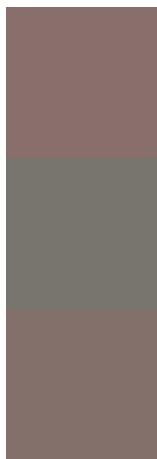


This preview shows how white text looks on a background with the CIELCh color 49, 10.923, 32.854.

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, 10.923, 32.854

Protanopia

49, 3.869, 84.366

Deuteranopia

49, 9.229, 42.502



Tritanopia
49, 12.649, 356.472

Trichromacy



Original Color
49, 10.923, 32.854

Protanomaly
49, 5.813, 49.972

Deuteranomaly
49, 9.635, 41.556

Tritanomaly
49, 11.483, 9.112

Monochromacy



Original Color
49, 10.923, 32.854

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 3.742, 28.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 10.923, 32.854 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(136, 111, 107)` looks like.

```
.text, #text, p{  
    color:rgb(136, 111, 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(136, 111, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 111, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 10.923, 32.854 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(136, 111, 107) }
```

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

```
.border{ border-color:rgb(136, 111, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 111, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 111, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 111, 107);  
box-shadow:4px 4px 4px 4px rgb(136, 111,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 10.923, 32.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 111, 107) }
```

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

```
.background{ background-color: rgb(136,  
111, 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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