

Converting Colors

CIELCh(54, 23.020, 36.813)

Have a look what the booklet for
CIELCh(54, 23.020, 36.813) contains.

CIELCh(54, 22.906, 37.449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 22.906, 37.449)

Conversions

Conversions Part 1

Format	Color
Hex	A7756A
RGB	167, 117, 106
RGB Percent	65%, 46%, 42%
CMY	0.3451, 0.5412, 0.5844
CMYK	0.00, 0.30, 0.37, 0.35
HSL	11°, 26%, 54%
HSV	11°, 37%, 65%
XYZ	24.8948, 21.9746, 16.5621
YIQ	130.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

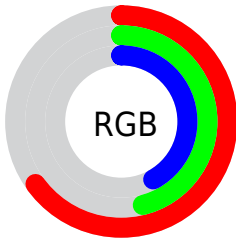
Format	Color
RYB	167, 119, 106
Decimal	10974570
CIELab	54.00, 18.18, 13.93
CIELCh	54, 22.906, 37.449
Yxy	21.9746, 0.3925, 0.3464
Android (android.graphics.Color)	4289164650 (0xFFA7756A)
YUV	130.6960, -12.1751, 31.8386
Hunter-Lab	46.8770, 12.7604, 11.8662

Details

The CIELCh color **54, 22.906, 37.449** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **61, 17.684, 218.694**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 22.856, 37.409**, and **34, 22.822, 36.696** is the 20% darker color. If you saturate the color by 10%, you get **50, 30.375, 37.913**, and if you desaturate by 10%, it is **58, 15.963, 37.192**.

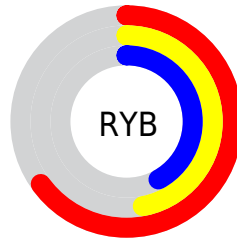
Distribution



Red (65%)

Green (46%)

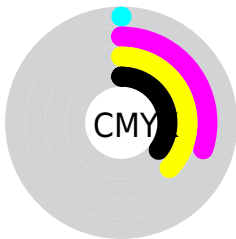
Blue (42%)



Red (65%)

Yellow (47%)

Blue (42%)

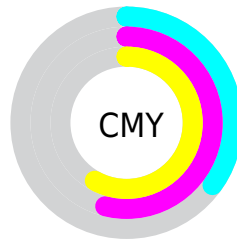


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (35%)



Cyan (35%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.906, 37.449 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 54, 22.906, 37.449 by changing the saturation by 10% instead.

■ 54, 22.906, 37.449

■ 54, 22.906, 37.449

■ 100, 22.906,
37.449

■ 44, 22.906, 37.449

■ 74, 22.906, 37.449

■ 34, 22.906, 37.449

■ 84, 22.906, 37.449

■ 24, 22.906, 37.449

■ 94, 22.906, 37.449

■ 14, 22.906, 37.449

■ 4, 22.906, 37.449

■ 0, 22.906, 37.449

■ 54, 22.906, 37.449

■ 54, 22.906, 37.449

■ 50, 30.375, 37.913

■ 58, 15.963, 37.192

■ 47, 38.341, 38.607

■ 62, 9.545, 37.079

44, 46.702, 39.556

66, 3.620, 37.027

41, 55.229, 40.715

70, 1.853, 217.542

39, 63.423, 41.878

74, 6.917, 217.546

37, 70.330, 42.609

78, 11.620,
217.762

36, 72.664, 43.089

82, 16.003,
218.030

87, 20.106,
218.327

91, 23.827,
217.041

Harmonies

Complementary

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



54, 22.906, 37.449



61, 17.684, 218.694

Rectangle

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



54, 22.906, 37.449



54, 22.906, 87.449



54, 22.906, 217.449



54, 22.906, 267.449

Sweetspot

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



54, 22.905, 37.455



81, 7.685, 37.056



53, 36.785, 331.636



43, 5.233, 37.061



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 22.905, 37.455



65, 35.273, 37.818



62, 24.388, 86.460



33, 3.193, 37.048



32, 65.979, 43.075



2, 5.727, 34.418

Inverse Universe

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



61, 17.684, 218.694



76, 25.384, 219.391



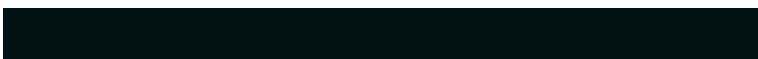
53, 24.214, 276.960



35, 3.015, 217.497



47, 29.045, 230.596



4, 5.474, 223.938

Previews

White Background



This preview shows how the CIELCh color 54, 22.906, 37.449 looks on a white background.

Color Contrast Check

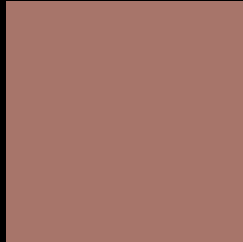
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 54, 22.906, 37.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

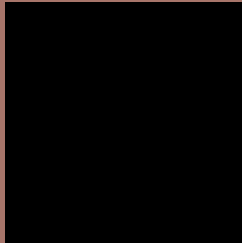
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 22.906, 37.449

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.906, 37.449.



This preview shows how white text looks on a background with the CIELCh color 54, 22.906, 37.449.

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

54, 22.906, 37.449

Protanopia

54, 10.176, 92.205

Deuteranopia

54, 15.808, 63.413



Tritanopia
54, 23.335, 9.652

Trichromacy



Original Color
54, 22.906, 37.449

Protanomaly
54, 12.811, 62.017

Deuteranomaly
54, 17.971, 51.177

Tritanomaly
54, 22.435, 19.169

Monochromacy



Original Color
54, 22.906, 37.449

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 7.765, 37.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.906, 37.449 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(167, 117, 106)` looks like.

```
.text, #text, p{  
    color:rgb(167, 117, 106)  
}
```

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(167, 117, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 117, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.906, 37.449 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(167, 117, 106) }
```

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

```
.border{ border-color:rgb(167, 117, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 117, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 117, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 117, 106);  
box-shadow:4px 4px 4px 4px rgb(167, 117,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.906, 37.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 117, 106) }
```

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

```
.background{ background-color: rgb(167,  
117, 106) }
```

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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