

Converting Colors

CIELCh(54, 26.553, 37.885)

Have a look what the booklet for
CIELCh(54, 26.553, 37.885) contains.

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Color

CIELCh(54, 26.509, 38.112)

Conversions

Conversions Part 1

Format	Color
Hex	AC7366
RGB	172, 115, 102
RGB Percent	67%, 45%, 40%
CMY	0.3257, 0.5492, 0.6002
CMYK	0.00, 0.33, 0.41, 0.33
HSL	11°, 30%, 54%
HSV	11°, 41%, 67%
XYZ	25.5239, 21.9746, 15.4553
YIQ	130.5610, 38.1450, 8.0410

Conversions

Conversions Part 2

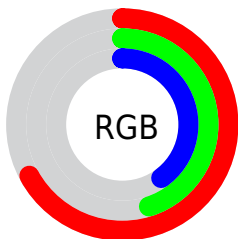
Format	Color
R _Y B	172, 118, 102
Decimal	11301734
CIE Lab	54.00, 20.86, 16.36
CIE LCh	54, 26.509, 38.112
Yxy	21.9746, 0.4054, 0.3491
Android (android.graphics.Color)	4289491814 (0xFFAC7366)
YUV	130.5610, -14.0806, 36.3420
Hunter-Lab	46.8770, 15.1560, 13.2661

Details

The CIELCh color **54, 26.509, 38.112** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 19.764, 219.770**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 26.551, 37.736**, and **34, 26.390, 37.964** is the 20% darker color. If you saturate the color by 10%, you get **50, 34.359, 38.634**, and if you desaturate by 10%, it is **58, 19.192, 37.810**.

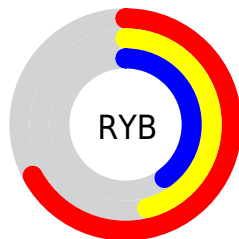
Distribution



Red (67%)

Green (45%)

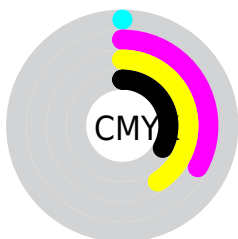
Blue (40%)



Red (67%)

Yellow (46%)

Blue (40%)

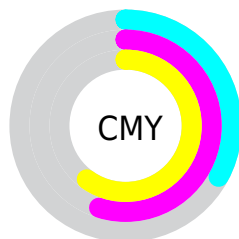


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (33%)



Cyan (33%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 26.509, 38.112 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, 26.509, 38.112 by changing the saturation by 10% instead.

■ 54, 26.509, 38.112

■ 54, 26.509, 38.112

■ 100, 26.509,
38.112

■ 44, 26.509, 38.112

■ 74, 26.509, 38.112

■ 34, 26.509, 38.112

■ 84, 26.509, 38.112

■ 24, 26.509, 38.112

■ 94, 26.509, 38.112

■ 14, 26.509, 38.112

■ 4, 26.509, 38.112

■ 0, 26.509, 38.112

■ 54, 26.509, 38.112

■ 54, 26.509, 38.112

■ 50, 34.359, 38.634

■ 58, 19.192, 37.810

■ 47, 42.687, 39.394

■ 62, 12.417, 37.670

44, 51.346, 40.394

66, 6.163, 37.639

41, 60.008, 41.534

70, 0.389, 36.576

39, 67.950, 42.485

74, 4.950, 218.121

37, 74.162, 43.203

78, 9.900, 218.319

83, 14.506,
218.590

87, 18.810,
218.897

91, 22.661,
216.987

Harmonies

Complementary

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



54, 26.509, 38.112



62, 19.764, 219.770

Rectangle

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



54, 26.509, 38.112



54, 26.509, 88.112



54, 26.509, 218.112



54, 26.509, 268.112

Sweetspot

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



54, 26.508, 38.117



83, 8.631, 37.641



53, 41.333, 332.525



43, 5.747, 37.642



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 26.508, 38.117



65, 41.099, 38.583



63, 28.294, 87.236



34, 3.263, 37.637



33, 66.767, 43.266



2, 6.817, 34.010

Inverse Universe

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



62, 19.764, 219.770



77, 28.269, 220.711



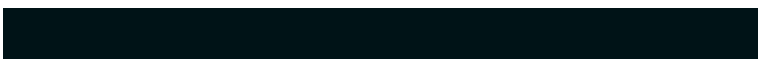
52, 28.338, 279.124



36, 3.080, 218.133



47, 29.447, 231.811



5, 6.459, 226.006

Previews

White Background



This preview shows how the CIELCh color 54, 26.509, 38.112 looks on a white background.

Color Contrast Check

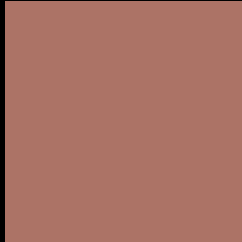
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.509, 38.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

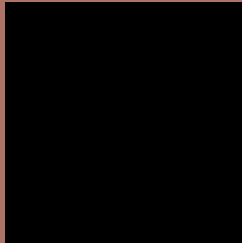
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 26.509, 38.112

Background



This preview shows how black text looks on a background with the CIELCh color 54, 26.509, 38.112.



This preview shows how white text looks on a background with the CIELCh color 54, 26.509, 38.112.

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, 26.509, 38.112

Protanopia

54, 11.837, 94.282

Deuteranopia

54, 18.638, 67.223



Tritanopia
54, 26.307, 11.548

Trichromacy



Original Color
54, 26.509, 38.112

Protanomaly
54, 15.060, 63.129

Deuteranomaly
54, 20.544, 54.339

Tritanomaly
54, 25.614, 21.201

Monochromacy



Original Color
54, 26.509, 38.112

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 9.188, 38.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 26.509, 38.112 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(172, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(172, 115, 102)  
}
```

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(172, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 115, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 26.509, 38.112 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(172, 115, 102) }
```

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

```
.border{ border-color:rgb(172, 115, 102) }
```

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

Here you see how a box with a 4 pixel rgb(172, 115, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(172, 115,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 26.509, 38.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 115, 102) }
```

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

```
.background{ background-color: rgb(172,  
115, 102) }
```

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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