

Converting Colors

CIELCh(54, 52.478, 78.665)

Have a look what the booklet for
CIELCh(54, 52.478, 78.665) contains.

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Color

CIELCh(54, 52.330, 78.991)

Conversions

Conversions Part 1

Format	Color
Hex	A77922
RGB	167, 121, 34
RGB Percent	65%, 47%, 13%
CMY	0.3455, 0.5258, 0.8670
CMYK	0.00, 0.28, 0.80, 0.35
HSL	39°, 66%, 39%
HSV	39°, 80%, 65%
XYZ	23.0309, 21.9746, 4.5342
YIQ	124.8360, 55.3430, -17.3050

Conversions

Conversions Part 2

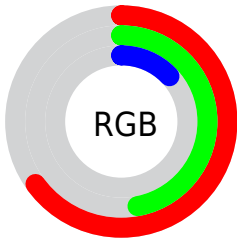
Format	Color
RYB	104, 167, 34
Decimal	10975522
CIELab	54.00, 9.99, 51.37
CIElCh	54, 52.330, 78.991
Yxy	21.9746, 0.4649, 0.4436
Android (android.graphics.Color)	4289165602 (0xFFA77922)
YUV	124.8360, -44.7821, 36.9778
Hunter-Lab	46.8770, 5.6631, 27.0791

Details

The CIELCh color **54, 52.330, 78.991** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **36, 54.026, 288.337**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 52.228, 78.805**, and **34, 44.466, 76.809** is the 20% darker color. If you saturate the color by 10%, you get **52, 56.872, 77.045**, and if you desaturate by 10%, it is **56, 46.498, 80.663**.

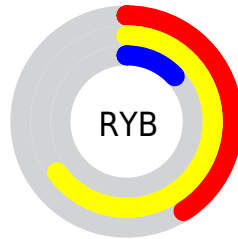
Distribution



Red (65%)

Green (47%)

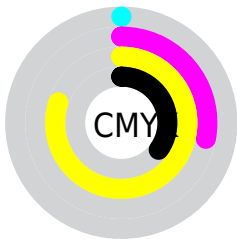
Blue (13%)



Red (41%)

Yellow (65%)

Blue (13%)

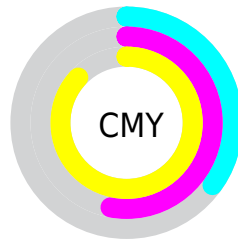


Cyan (0%)

Magenta (28%)

Yellow (80%)

Black (35%)



Cyan (35%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 52.330, 78.991 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, 52.330, 78.991 by changing the saturation by 10% instead.

■ 54, 52.330, 78.991

■ 54, 52.330, 78.991

■ 100, 52.330,
78.991

■ 44, 52.330, 78.991

■ 74, 52.330, 78.991

■ 34, 52.330, 78.991

■ 84, 52.330, 78.991

■ 24, 52.330, 78.991

■ 94, 52.330, 78.991

■ 14, 52.330, 78.991

■ 4, 52.330, 78.991

■ 0, 52.330, 78.991

■ 54, 52.330, 78.991

■ 54, 52.330, 78.991

■ 52, 56.872, 77.045

■ 56, 46.498, 80.663

■ 51, 59.964, 74.783

■ 57, 39.980, 82.181

51, 60.068, 74.715

59, 33.171, 83.617

61, 26.298, 85.002

63, 19.481, 86.346

65, 12.777, 87.648

67, 6.211, 88.898

69, 0.210, 271.200

71, 6.489, 271.369

Harmonies

Complementary

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



54, 52.330, 78.991



36, 54.026, 288.337

Rectangle

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



54, 52.330, 78.991



54, 52.330, 128.991



54, 52.330, 258.991



54, 52.330, 308.991

Sweetspot

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



54, 52.329, 78.994



81, 19.375, 87.034



38, 55.729, 6.843



42, 13.467, 86.584



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, 52.329, 78.994



66, 71.862, 75.139



65, 65.057, 111.312



35, 3.653, 88.945



45, 54.970, 75.035



4, 6.141, 83.247

Inverse Universe

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



36, 54.026, 288.337



39, 82.057, 294.904



26, 82.536, 305.388



33, 3.648, 271.352



25, 62.702, 295.220



2, 6.968, 273.881

Previews

White Background



This preview shows how the CIELCh color 54, 52.330, 78.991 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, 52.330, 78.991 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, 52.330, 78.991

Background



This preview shows how black text looks on a background with the CIELCh color 54, 52.330, 78.991.



This preview shows how white text looks on a background with the CIELCh color 54, 52.330, 78.991.

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, 52.330, 78.991

Protanopia

54, 50.135, 95.801

Deuteranopia

54, 52.106, 82.276



Tritanopia
54, 24.994, 12.067

Trichromacy



Original Color
54, 52.330, 78.991

Protanomaly
54, 50.502, 89.725

Deuteranomaly
54, 52.158, 81.151

Tritanomaly
54, 29.594, 52.479

Monochromacy



Original Color
54, 52.330, 78.991

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 19.774, 86.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 52.330, 78.991 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, 121, 34)` looks like.

```
.text, #text, p{  
    color:rgb(167, 121, 34)  
}
```

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, 121, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 121, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 52.330, 78.991 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, 121, 34) }
```

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

```
.border{ border-color:rgb(167, 121, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 121, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 121, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 121, 34);  
box-shadow:4px 4px 4px 4px rgb(167, 121,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 52.330, 78.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 121, 34) }
```

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

```
.background{ background-color: rgb(167,  
121, 34) }
```

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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