

Converting Colors

CIELCh(54, 93.854, 99.967)

Have a look what the booklet for
CIELCh(54, 93.854, 99.967) contains.

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Color

CIELCh(54, 60.428, 103.747)

Conversions

Conversions Part 1

Format	Color
Hex	848600
RGB	132, 134, 0
RGB Percent	52%, 53%, 0%
CMY	0.4823, 0.4742, 1.0000
CMYK	0.02, 0.00, 1.00, 0.47
HSL	61°, 100%, 26%
HSV	61°, 100%, 53%
XYZ	18.0438, 21.9746, 3.2426
YIQ	118.1260, 41.8220, -42.0980

Conversions

Conversions Part 2

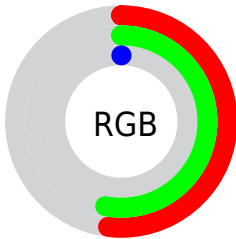
Format	Color
RYB	0, 134, 2
Decimal	8685056
CIELab	54.00, -14.36, 58.70
CIELCh	54, 60.428, 103.747
Yxy	21.9746, 0.4171, 0.5080
Android (android.graphics.Color)	4286875136 (0xFF848600)
YUV	118.1260, -58.2361, 12.1675
Hunter-Lab	46.8770, -13.3271, 28.7127

Details

The CIELCh color **54, 60.428, 103.747** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **14, 82.919, 306.354**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 59.975, 103.978**, and **34, 43.704, 106.864** is the 20% darker color. If you saturate the color by 10%, you get **54, 60.132, 103.787**, and if you desaturate by 10%, it is **54, 57.783, 103.995**.

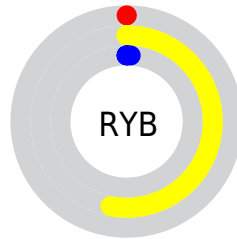
Distribution



Red (52%)

Green (53%)

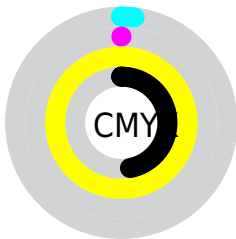
Blue (0%)



Red (0%)

Yellow (53%)

Blue (1%)

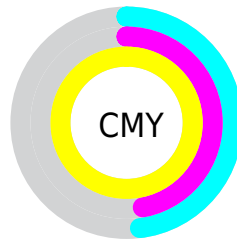


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (48%)


Magenta (47%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 60.428, 103.747 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, 60.428, 103.747 by changing the saturation by 10% instead.


 54, 60.428,
103.747

 54, 60.428,
103.747


 100, 60.428,
103.747

 44, 60.428,
103.747


 74, 60.428,
103.747

 34, 60.428,
103.747

 84, 60.428,
103.747

 24, 60.428,
103.747

 94, 60.428,
103.747

 14, 60.428,
103.747

 4, 60.428, 103.747

 0, 60.428, 103.747

■ 54, 60.428,
103.747

■ 54, 60.428,
103.747

■ 54, 60.132,
103.787

■ 54, 57.783,
103.995

■ 54, 54.359,
104.341

■ 54, 49.558,
104.869

■ 54, 43.711,
105.543

■ 55, 37.141,
106.322

■ 55, 30.100,
107.170

■ 55, 22.765,
108.061

■ 55, 15.256,

108.970

■ 56, 7.648, 109.880

Harmonies

Complementary

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



54, 60.428, 103.747



14, 82.919, 306.354

Rectangle

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



54, 60.428, 103.747



54, 60.428, 153.747



54, 60.428, 283.747



54, 60.428, 333.747

Sweetspot

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



54, 60.132, 103.787



70, 28.074, 108.001



27, 63.713, 38.741



36, 19.022, 107.681



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 60.132, 103.787



69, 72.595, 103.808



50, 67.389, 127.608



28, 4.274, 109.960



52, 58.818, 103.784



1, 1.028, 110.786

Inverse Universe

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



14, 82.919, 306.354



20, 100.134, 306.336



20, 77.192, 312.197



25, 4.364, 291.670



13, 81.105, 306.357



0, 1.029, 290.787

Previews

White Background



This preview shows how the CIELCh color 54, 60.428, 103.747 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, 60.428, 103.747 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, 60.428, 103.747

Background



This preview shows how black text looks on a background with the CIELCh color 54, 60.428, 103.747.



This preview shows how white text looks on a background with the CIELCh color 54, 60.428, 103.747.

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, 60.104, 103.753

Protanopia

54, 59.071, 94.908

Deuteranopia

54, 55.749, 82.599



Tritanopia
54, 8.219, 341.265

Trichromacy



Original Color
54, 60.104, 103.753

Protanomaly
54, 59.310, 98.231

Deuteranomaly
54, 56.607, 90.358

Tritanomaly
53, 24.904, 96.743

Monochromacy



Original Color
54, 60.104, 103.753

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 27.914, 107.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 60.428, 103.747 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(132, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 0)  
}
```

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(132, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 60.428, 103.747 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(132, 134, 0) }
```

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

```
.border{ border-color:rgb(132, 134, 0) }
```

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

Here you see how a box with a 4 pixel rgb(132, 134, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 60.428, 103.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 134, 0) }
```

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

```
.background{ background-color: rgb(132,  
134, 0) }
```

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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