

Converting Colors

CIELCh(54, 50.169, 104.778)

Have a look what the booklet for
CIELCh(54, 50.169, 104.778)
contains.

CIELCh(54, 50.406, 105.044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 50.406, 105.044)

Conversions

Conversions Part 1

Format	Color
Hex	848626
RGB	132, 134, 38
RGB Percent	52%, 53%, 15%
CMY	0.4837, 0.4758, 0.8523
CMYK	0.02, 0.00, 0.72, 0.48
HSL	61°, 56%, 34%
HSV	61°, 72%, 52%
XYZ	18.2853, 21.9746, 5.0824
YIQ	122.4580, 29.6240, -30.2800

Conversions

Conversions Part 2

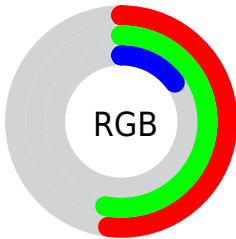
Format	Color
R_YB	38, 134, 40
Decimal	8685094
CIE Lab	54.00, -13.08, 48.68
CIE LCh	54, 50.406, 105.044
Yxy	21.9746, 0.4033, 0.4846
Android (android.graphics.Color)	4286875174 (0xFF848626)
YUV	122.4580, -41.6378, 8.3683
Hunter-Lab	46.8770, -12.4075, 26.3857

Details

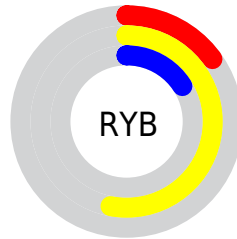
The CIELCh color **54, 50.406, 105.044** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **22, 62.757, 301.993**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 50.273, 104.830**, and **34, 43.704, 106.864** is the 20% darker color. If you saturate the color by 10%, you get **54, 54.971, 104.563**, and if you desaturate by 10%, it is **54, 44.736, 105.685**.

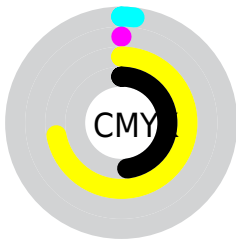
Distribution



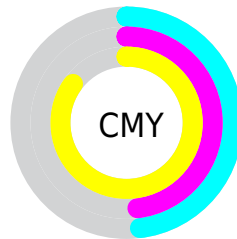
- Red (52%)
- Green (53%)
- Blue (15%)



- Red (15%)
- Yellow (53%)
- Blue (16%)



- Cyan (2%)
- Magenta (0%)
- Yellow (72%)
- Black (48%)





- Cyan (48%)
- Magenta (48%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 50.406, 105.044 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, 50.406, 105.044 by changing the saturation by 10% instead.


 54, 50.406,
105.044

 54, 50.406,
105.044


 100, 50.406,
105.044


 44, 50.406,
105.044


 74, 50.406,
105.044

 34, 50.406,
105.044

 84, 50.406,
105.044

 24, 50.406,
105.044

 94, 50.406,
105.044

 14, 50.406,
105.044

 4, 50.406, 105.044

 0, 50.406, 105.044

■ 54, 50.406,
105.044

■ 54, 50.406,
105.044

■ 54, 54.971,
104.563

■ 54, 44.736,
105.685

■ 54, 58.114,
104.272

■ 54, 38.292,
106.438

■ 54, 60.009,
104.124

■ 55, 31.338,
107.268

■ 55, 24.064,
108.144

■ 55, 16.598,
109.043

■ 55, 9.022, 109.945

■ 56, 1.391, 110.816

■ 56, 6.259, 291.730

■ 57, 13.902,
292.577

Harmonies

Complementary

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



54, 50.406, 105.044



22, 62.757, 301.993

Rectangle

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



54, 50.406, 105.044



54, 50.406, 155.044



54, 50.406, 285.044



54, 50.406, 335.044

Sweetspot

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



54, 50.406, 105.046



70, 20.684, 108.983



31, 46.731, 30.980



36, 13.824, 108.781



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, 50.406, 105.046



69, 69.048, 104.362



51, 55.311, 126.882



28, 4.275, 110.188



52, 58.828, 104.120



1, 1.028, 111.006

Inverse Universe

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



22, 62.757, 301.993



23, 91.734, 304.858



27, 61.119, 312.882



25, 4.365, 291.881



13, 81.072, 306.382



0, 1.029, 291.008

Previews

White Background



This preview shows how the CIELCh color 54, 50.406, 105.044 looks on a white background.

Color Contrast Check

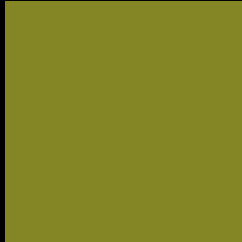
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.406, 105.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

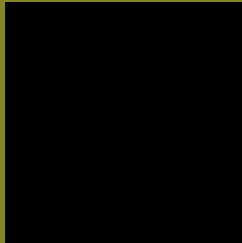
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 50.406, 105.044

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.406, 105.044.



This preview shows how white text looks on a background with the CIELCh color 54, 50.406, 105.044.

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, 50.406, 105.044

Protanopia

54, 49.426, 95.183

Deuteranopia

54, 48.218, 82.267



Tritanopia
54, 8.296, 336.368

Trichromacy



Original Color
54, 50.406, 105.044

Protanomaly
54, 49.778, 99.090

Deuteranomaly
54, 48.147, 91.071

Tritanomaly
54, 16.514, 94.529

Monochromacy



Original Color
54, 50.406, 105.044

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 20.059, 107.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 50.406, 105.044 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, 38)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 38)  
}
```

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, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.406, 105.044 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, 38) }
```

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

```
.border{ border-color:rgb(132, 134, 38) }
```

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, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 38);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.406, 105.044 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, 38) }
```

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

```
.background{ background-color: rgb(132,  
134, 38) }
```

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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