

Converting Colors

CIELCh(54, 34.940, 119.113)

Have a look what the booklet for
CIELCh(54, 34.940, 119.113)
contains.

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Color

CIELCh(54, 34.940, 119.113)

Conversions

Conversions Part 1

Format	Color
Hex	76884B
RGB	118, 136, 75
RGB Percent	46%, 53%, 29%
CMY	0.5372, 0.4666, 0.7058
CMYK	0.13, 0.00, 0.45, 0.47
HSL	78°, 29%, 41%
HSV	78°, 45%, 53%
XYZ	17.5511, 21.9746, 9.9763
YIQ	123.6640, 8.8530, -22.7870

Conversions

Conversions Part 2

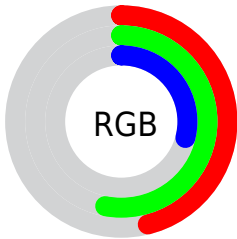
Format	Color
R_{YB}	75, 136, 93
Decimal	7768139
CIE _{Lab}	54.00, -17.00, 30.53
CIE _{LCh}	54, 34.940, 119.113
Yxy	21.9746, 0.3546, 0.4439
Android (android.graphics.Color)	4285958219 (0xFF76884B)
YUV	123.6640, -23.9914, -4.9673
Hunter-Lab	46.8770, -15.2032, 20.1959

Details

The CIELCh color **54, 34.940, 119.113** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **36, 38.361, 304.839**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 34.740, 119.088**, and **34, 34.963, 118.994** is the 20% darker color. If you saturate the color by 10%, you get **54, 42.131, 118.652**, and if you desaturate by 10%, it is **55, 27.397, 119.650**.

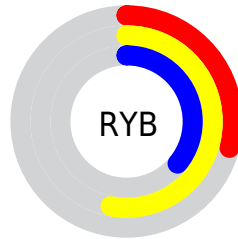
Distribution



Red (46%)

Green (53%)

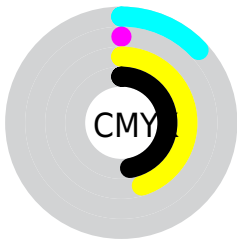
Blue (29%)



Red (29%)

Yellow (53%)

Blue (36%)

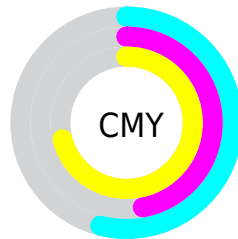


Cyan (13%)

Magenta (0%)

Yellow (45%)

Black (47%)



Cyan (54%)


Magenta (47%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 34.940, 119.113 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, 34.940, 119.113 by changing the saturation by 10% instead.


 54, 34.940,
119.113


 54, 34.940,
119.113


 100, 34.940,
119.113

 44, 34.940,
119.113


 74, 34.940,
119.113

 34, 34.940,
119.113

 84, 34.940,
119.113

 24, 34.940,
119.113

 94, 34.940,
119.113

 14, 34.940,
119.113

 4, 34.940, 119.113

 0, 34.940, 119.113

■ 54, 34.940,
119.113

■ 54, 34.940,
119.113

■ 54, 42.131,
118.652

■ 55, 27.397,
119.650

■ 53, 48.763,
118.320

■ 55, 19.640,
120.218

■ 53, 54.555,
118.199

■ 56, 11.766,
120.792

■ 52, 59.175,
118.386

■ 56, 3.840, 121.361

■ 52, 62.380,
118.961

■ 57, 4.093, 301.885

■ 52, 63.836,
119.285

■ 58, 12.000,
302.405

■ 59, 19.858,
302.889

■ 59, 27.648,
303.340

■ 60, 35.358,
303.758

Harmonies

Complementary

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



54, 34.940, 119.113



36, 38.361, 304.839

Rectangle

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



54, 34.940, 119.113



54, 34.940, 169.113



54, 34.940, 299.113



54, 34.940, 349.113

Sweetspot

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



54, 34.941, 119.115



71, 12.714, 120.882



43, 23.254, 47.565



37, 8.964, 120.769



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 34.941, 119.115



68, 51.155, 118.639



52, 39.789, 135.905



29, 4.518, 121.116



51, 62.656, 119.251



1, 2.104, 121.617

Inverse Universe

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



36, 38.361, 304.839



42, 57.719, 305.773



40, 40.601, 320.172



27, 4.600, 302.142



16, 79.713, 308.515



0, 2.104, 301.616

Previews

White Background



This preview shows how the CIELCh color 54, 34.940, 119.113 looks on a white background.

Color Contrast Check

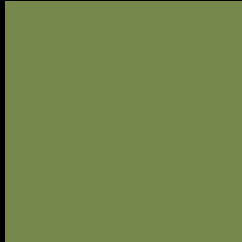
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.940, 119.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

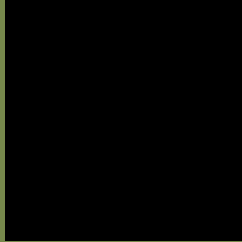
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 34.940, 119.113

Background



This preview shows how black text looks on a background with the CIELCh color 54, 34.940, 119.113.



This preview shows how white text looks on a background with the CIELCh color 54, 34.940, 119.113.

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

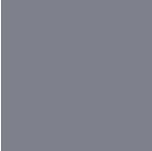
54, 34.940, 119.113

Protanopia

54, 32.673, 95.637

Deuteranopia

54, 30.182, 76.731



Tritanopia
54, 5.859, 279.618

Trichromacy



Original Color
54, 34.940, 119.113

Protanomaly
54, 33.031, 105.274

Deuteranomaly
54, 29.626, 94.113

Tritanomaly
54, 9.908, 130.730

Monochromacy



Original Color
54, 34.940, 119.113

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 12.909, 119.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 34.940, 119.113 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(118, 136, 75)` looks like.

```
.text, #text, p{  
    color:rgb(118, 136, 75)  
}
```

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(118, 136, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 136, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 34.940, 119.113 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(118, 136, 75) }
```

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

```
.border{ border-color:rgb(118, 136, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 136, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 136, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 136, 75);  
box-shadow:4px 4px 4px 4px rgb(118, 136,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 34.940, 119.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 136, 75) }
```

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

```
.background{ background-color: rgb(118,  
136, 75) }
```

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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