

Converting Colors

CIELCh(54, 36.975, 118.543)

Have a look what the booklet for
CIELCh(54, 36.975, 118.543)
contains.

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Color

CIELCh(54, 36.976, 118.205)

Conversions

Conversions Part 1

Format	Color
Hex	768847
RGB	118, 136, 71
RGB Percent	46%, 53%, 28%
CMY	0.5366, 0.4660, 0.7210
CMYK	0.13, 0.00, 0.48, 0.47
HSL	77°, 31%, 41%
HSV	77°, 48%, 53%
XYZ	17.4631, 21.9746, 9.3080
YIQ	123.2080, 10.1370, -24.0310

Conversions

Conversions Part 2

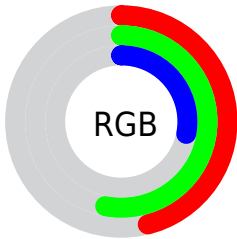
Format	Color
RYB	71, 136, 89
Decimal	7768135
CIELab	54.00, -17.48, 32.59
CIElCh	54, 36.976, 118.205
Yxy	21.9746, 0.3582, 0.4508
Android (android.graphics.Color)	4285958215 (0xFF768847)
YUV	123.2080, -25.7385, -4.5674
Hunter-Lab	46.8770, -15.5381, 21.0411

Details

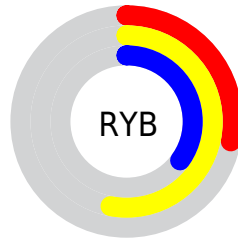
The CIELCh color $54, 36.976, 118.205$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $35, 41.003, 304.551$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 36.749, 118.281$, and $34, 36.774, 118.039$ is the 20% darker color. If you saturate the color by 10%, you get $54, 44.003, 117.760$, and if you desaturate by 10%, it is $54, 29.542, 118.741$.

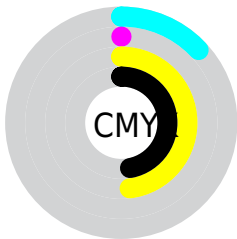
Distribution



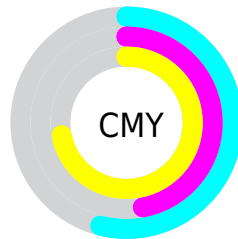
- Red (46%)
- Green (53%)
- Blue (28%)



- Red (28%)
- Yellow (53%)
- Blue (35%)



- Cyan (13%)
- Magenta (0%)
- Yellow (48%)
- Black (47%)





- Cyan (54%)
- Magenta (47%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 36.976, 118.205 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, 36.976, 118.205 by changing the saturation by 10% instead.


 54, 36.976,
118.205


 54, 36.976,
118.205


 100, 36.976,
118.205


 44, 36.976,
118.205


 74, 36.976,
118.205

 34, 36.976,
118.205

 84, 36.976,
118.205

 24, 36.976,
118.205

 94, 36.976,
118.205

 14, 36.976,
118.205

 4, 36.976, 118.205

 0, 36.976, 118.205

■ 54, 36.976,
118.205

■ 54, 36.976,
118.205

■ 54, 44.003,
117.760

■ 54, 29.542,
118.741

■ 53, 50.394,
117.462

■ 55, 21.857,
119.318

■ 53, 55.846,
117.399

■ 56, 14.028,
119.909

■ 52, 60.026,
117.667

■ 56, 6.128, 120.495

■ 52, 62.921,
118.271

■ 57, 1.793, 301.039

■ 52, 63.554,
118.401

■ 58, 9.700, 301.593

■ 58, 17.566,
302.104

■ 59, 25.373,
302.582

■ 60, 33.106,
303.026

Harmonies

Complementary

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



54, 36.976, 118.205



35, 41.003, 304.551

Rectangle

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



54, 36.976, 118.205



54, 36.976, 168.205



54, 36.976, 298.205



54, 36.976, 348.205

Sweetspot

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



54, 36.977, 118.207



71, 13.652, 120.112



42, 25.224, 45.886



37, 9.496, 119.999



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, 36.977, 118.207



68, 53.497, 117.741



52, 42.063, 135.274



29, 4.506, 120.413



51, 62.331, 118.367



1, 2.098, 120.930

Inverse Universe

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



35, 41.003, 304.551



40, 61.092, 305.559



39, 43.061, 319.758



27, 4.589, 301.473



16, 79.958, 308.280



0, 2.099, 300.929

Previews

White Background



This preview shows how the CIELCh color 54, 36.976, 118.205 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 CIELCh color 54, 36.976, 118.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

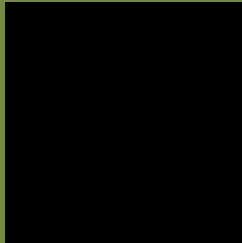
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 36.976, 118.205

Background



This preview shows how black text looks on a background with the CIELCh color 54, 36.976, 118.205.



This preview shows how white text looks on a background with the CIELCh color 54, 36.976, 118.205.

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, 36.976, 118.205

Protanopia

54, 34.242, 95.875

Deuteranopia

54, 32.412, 77.568



Tritanopia
54, 5.803, 283.317

Trichromacy



Original Color
54, 36.976, 118.205

Protanomaly
54, 34.606, 105.109

Deuteranomaly
54, 31.858, 93.794

Tritanomaly
54, 10.844, 126.494

Monochromacy



Original Color
54, 36.976, 118.205

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 14.119, 120.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 36.976, 118.205 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(118, 136, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 136, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 36.976, 118.205 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, 71) }
```

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

```
.border{ border-color:rgb(118, 136, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 136, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 136, 71);  
box-shadow:4px 4px 4px 4px rgb(118, 136,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 36.976, 118.205 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, 71) }
```

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

```
.background{ background-color: rgb(118,  
136, 71) }
```

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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