

Converting Colors

CIELCh(54, 48.592, 139.197)

Have a look what the booklet for
CIELCh(54, 48.592, 139.197)
contains.

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Color

CIELCh(54, 48.466, 139.372)

Conversions

Conversions Part 1

Format	Color
Hex	4C9048
RGB	76, 144, 72
RGB Percent	30%, 56%, 28%
CMY	0.7017, 0.4350, 0.7174
CMYK	0.47, 0.00, 0.50, 0.44
HSL	117°, 33%, 42%
HSV	117°, 50%, 56%
XYZ	14.1408, 21.9746, 9.6374
YIQ	115.4600, -17.4160, -36.8080

Conversions

Conversions Part 2

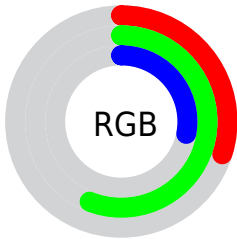
Format	Color
RYB	72, 144, 140
Decimal	5017672
CIELab	54.00, -36.78, 31.56
CIELCh	54, 48.466, 139.372
Yxy	21.9746, 0.3091, 0.4803
Android (android.graphics.Color)	4283207752 (0xFF4C9048)
YUV	115.4600, -21.4258, -34.6064
Hunter-Lab	46.8770, -28.1889, 20.6245

Details

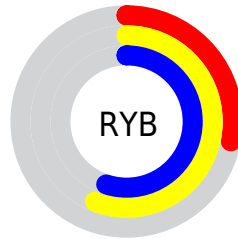
The CIELCh color **54, 48.466, 139.372** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **42, 48.494, 325.302**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 48.274, 139.462**, and **34, 48.451, 139.449** is the 20% darker color. If you saturate the color by 10%, you get **53, 57.031, 138.422**, and if you desaturate by 10%, it is **55, 39.220, 140.272**.

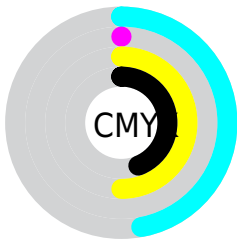
Distribution



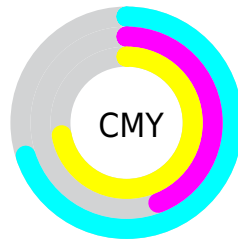
- Red (30%)
- Green (56%)
- Blue (28%)



- Red (28%)
- Yellow (56%)
- Blue (55%)



- Cyan (47%)
- Magenta (0%)
- Yellow (50%)
- Black (44%)




- Cyan (70%)
- Magenta (44%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 48.466, 139.372 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, 48.466, 139.372 by changing the saturation by 10% instead.


 54, 48.466,
139.372

 54, 48.466,
139.372


 100, 48.466,
139.372


 44, 48.466,
139.372


 74, 48.466,
139.372

 34, 48.466,
139.372

 84, 48.466,
139.372

 24, 48.466,
139.372

 94, 48.466,
139.372

 14, 48.466,
139.372

 4, 48.466, 139.372

 0, 48.466, 139.372

■ 54, 48.466,
139.372

■ 54, 48.466,
139.372

■ 53, 57.031,
138.422

■ 55, 39.220,
140.272

■ 53, 64.580,
137.489

■ 56, 29.561,
141.086

■ 52, 70.732,
136.681

■ 57, 19.699,
141.805

■ 52, 75.117,
136.124

■ 58, 9.797, 142.435

■ 52, 77.945,
135.706

■ 60, 0.026, 315.436

■ 52, 77.950,
135.705

■ 61, 9.683, 323.380

■ 63, 19.118,
323.775

■ 65, 28.296,
324.106

■ 67, 37.198,
324.387

Harmonies

Complementary

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



54, 48.466, 139.372



42, 48.494, 325.302

Rectangle

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



54, 48.466, 139.372



54, 48.466, 189.372



54, 48.466, 319.372



54, 48.466, 9.372

Sweetspot

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



54, 48.467, 139.372



73, 18.199, 142.109



57, 37.139, 102.383



38, 12.523, 141.989



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 48.467, 139.372



68, 70.094, 138.303



54, 35.676, 155.322



30, 5.499, 142.483



49, 74.387, 135.680



2, 3.700, 142.947

Inverse Universe

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



42, 48.494, 325.302



50, 69.817, 325.697



41, 36.907, 344.889



28, 5.513, 323.379



30, 72.314, 326.108



1, 3.701, 322.943

Previews

White Background



This preview shows how the CIELCh color 54, 48.466, 139.372 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, 48.466, 139.372 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, 48.466, 139.372

Background



This preview shows how black text looks on a background with the CIELCh color 54, 48.466, 139.372.



This preview shows how white text looks on a background with the CIELCh color 54, 48.466, 139.372.

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, 48.466, 139.372

Protanopia

54, 35.278, 96.012

Deuteranopia

54, 30.678, 77.139



Tritanopia
54, 16.417, 220.963

Trichromacy



Original Color
54, 48.466, 139.372

Protanomaly
53, 36.849, 116.861

Deuteranomaly
53, 31.521, 109.488

Tritanomaly
54, 22.695, 168.268

Monochromacy



Original Color
54, 48.466, 139.372

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 18.333, 142.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 48.466, 139.372 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(76, 144, 72)` looks like.

```
.text, #text, p{  
    color:rgb(76, 144, 72)  
}
```

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(76, 144, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 144, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 48.466, 139.372 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(76, 144, 72) }
```

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

```
.border{ border-color:rgb(76, 144, 72) }
```

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

Here you see how a box with a 4 pixel rgb(76, 144, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 144, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 144, 72);  
box-shadow:4px 4px 4px 4px rgb(76, 144,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 48.466, 139.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 144, 72) }
```

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

```
.background{ background-color: rgb(76, 144,  
72) }
```

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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