

Converting Colors

CIELCh(54, 72.426, 128.969)

Have a look what the booklet for
CIELCh(54, 72.426, 128.969)
contains.

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Color

CIELCh(54, 72.707, 129.068)

Conversions

Conversions Part 1

Format	Color
Hex	449301
RGB	68, 147, 1
RGB Percent	27%, 58%, 0%
CMY	0.7349, 0.4249, 0.9947
CMYK	0.54, 0.00, 0.99, 0.42
HSL	93°, 98%, 29%
HSV	93°, 99%, 58%
XYZ	12.7422, 21.9746, 3.6082
YIQ	106.7350, -0.2180, -62.1540

Conversions

Conversions Part 2

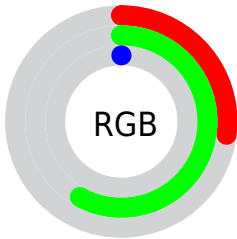
Format	Color
R_{YB}	1, 147, 80
Decimal	4494081
CIE _{Lab}	54.00, -45.82, 56.45
CIE _{LCh}	54, 72.707, 129.068
Y _{xy}	21.9746, 0.3325, 0.5734
Android (android.graphics.Color)	4282684161 (0xFF449301)
YUV	106.7350, -52.1274, -33.9706
Hunter-Lab	46.8770, -33.5145, 28.2503

Details

The CIELCh color **54, 72.707, 129.068** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **23, 81.299, 313.178**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 73.075, 128.964**, and **34, 58.152, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.016, 129.129**, and if you desaturate by 10%, it is **54, 69.230, 128.306**.

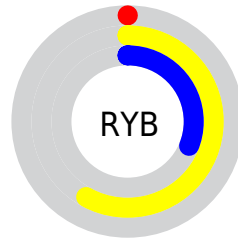
Distribution



Red (27%)

Green (58%)

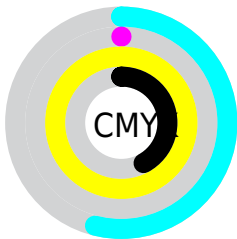
Blue (0%)



Red (0%)

Yellow (58%)

Blue (31%)

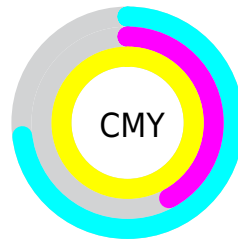


Cyan (54%)

Magenta (0%)

Yellow (99%)

Black (42%)



Cyan (73%)

Magenta (42%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 72.707, 129.068 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, 72.707, 129.068 by changing the saturation by 10% instead.

 54, 72.707,
129.068

 54, 72.707,
129.068

 100, 72.707,
129.068

 44, 72.707,
129.068

 74, 72.707,
129.068

 34, 72.707,
129.068

 84, 72.707,
129.068

 24, 72.707,
129.068

 94, 72.707,
129.068

 14, 72.707,
129.068

 4, 72.707, 129.068

 0, 72.707, 129.068

■ 54, 72.707,
129.068

■ 54, 72.707,
129.068

■ 54, 73.016,
129.129

■ 54, 69.230,
128.306

■ 55, 64.422,
127.867

■ 55, 58.203,
127.812

■ 56, 50.930,
128.020

■ 57, 42.941,
128.385

■ 57, 34.497,
128.829

■ 58, 25.786,
129.302

■ 59, 16.939,

129.771

■ 60, 8.049, 130.224

Harmonies

Complementary

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



54, 72.707, 129.068



23, 81.299, 313.178

Rectangle

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



54, 72.707, 129.068



54, 72.707, 179.068



54, 72.707, 309.068



54, 72.707, 359.068

Sweetspot

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



54, 72.707, 129.069



74, 33.014, 129.228



41, 55.161, 64.304



39, 22.669, 129.047



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 72.707, 129.069



69, 89.132, 129.462



53, 78.385, 136.416



31, 5.041, 130.219



51, 69.679, 129.037



2, 4.410, 130.590

Inverse Universe

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



23, 81.299, 313.178



31, 99.583, 312.917



34, 74.395, 329.558



29, 5.101, 310.962



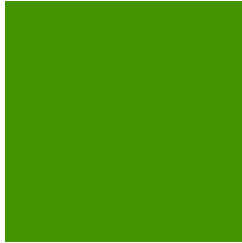
21, 77.994, 313.214



1, 4.411, 310.587

Previews

White Background



This preview shows how the CIELCh color 54, 72.707, 129.068 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, 72.707, 129.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

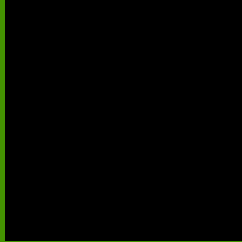
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 72.707, 129.068

Background



This preview shows how black text looks on a background with the CIELCh color 54, 72.707, 129.068.



This preview shows how white text looks on a background with the CIELCh color 54, 72.707, 129.068.

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, 72.853, 129.002

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 52.790, 82.383



Tritanopia
54, 16.956, 220.152

Trichromacy



Original Color
54, 72.853, 129.002

Protanomaly
53, 61.122, 110.731

Deuteranomaly
53, 55.180, 104.786

Tritanomaly
53, 35.119, 147.817

Monochromacy



Original Color
54, 72.853, 129.002

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 32.963, 128.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 72.707, 129.068 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(68, 147, 1)` looks like.

```
.text, #text, p{  
    color:rgb(68, 147, 1)  
}
```

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(68, 147, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 147, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 72.707, 129.068 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(68, 147, 1) }
```

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

```
.border{ border-color:rgb(68, 147, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 147, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 147, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 147, 1);  
box-shadow:4px 4px 4px 4px rgb(68, 147, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 72.707, 129.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 147, 1) }
```

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

```
.background{ background-color: rgb(68, 147,  
1) }
```

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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