

Converting Colors

CIELCh(54, 72.962, 129.303)

Have a look what the booklet for
CIELCh(54, 72.962, 129.303)
contains.

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Color

CIELCh(54, 73.158, 129.408)

Conversions

Conversions Part 1

Format	Color
Hex	429301
RGB	66, 147, 1
RGB Percent	26%, 58%, 0%
CMY	0.7418, 0.4241, 0.9971
CMYK	0.55, 0.00, 1.00, 0.42
HSL	93°, 99%, 29%
HSV	93°, 100%, 58%
XYZ	12.6498, 21.9746, 3.5955
YIQ	106.1370, -1.4100, -62.5780

Conversions

Conversions Part 2

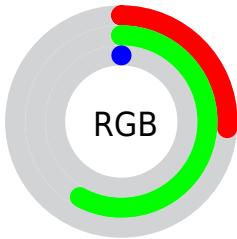
Format	Color
R_{YB}	1, 147, 82
Decimal	4363009
CIE Lab	54.00, -46.44, 56.53
CIE LCh	54, 73.158, 129.408
Yxy	21.9746, 0.3310, 0.5750
Android (android.graphics.Color)	4282553089 (0xFF429301)
YUV	106.1370, -51.8325, -35.2001
Hunter-Lab	46.8770, -33.8666, 28.2664

Details

The CIELCh color **54, 73.158, 129.408** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **23, 81.387, 313.427**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 73.397, 129.435**, and **34, 58.152, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.326, 129.441**, and if you desaturate by 10%, it is **54, 69.692, 128.659**.

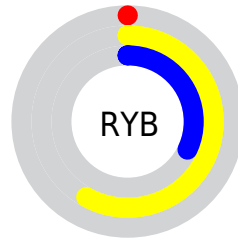
Distribution



Red (26%)

Green (58%)

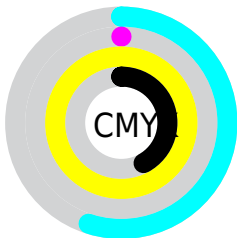
Blue (0%)



Red (0%)

Yellow (58%)

Blue (32%)

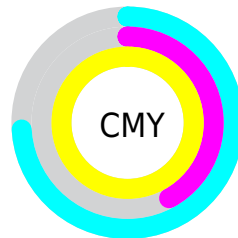


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (74%)

Magenta (42%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 73.158, 129.408 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, 73.158, 129.408 by changing the saturation by 10% instead.

 54, 73.158,
129.408

 54, 73.158,
129.408

 100, 73.158,
129.408

 44, 73.158,
129.408

 74, 73.158,
129.408

 34, 73.158,
129.408

 84, 73.158,
129.408

 24, 73.158,
129.408

 94, 73.158,
129.408

 14, 73.158,
129.408

 4, 73.158, 129.408

 0, 73.158, 129.408

■ 54, 73.158,
129.408

■ 54, 73.158,
129.408

■ 54, 73.326,
129.441

■ 54, 69.692,
128.659

■ 55, 64.927,
128.212

■ 55, 58.732,
128.152

■ 56, 51.463,
128.359

■ 57, 43.463,
128.724

■ 57, 34.998,
129.169

■ 58, 26.257,
129.643

■ 59, 17.377,

130.114

■ 60, 8.453, 130.566

Harmonies

Complementary

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



54, 73.158, 129.408



23, 81.387, 313.427

Rectangle

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



54, 73.158, 129.408



54, 73.158, 179.408



54, 73.158, 309.408



54, 73.158, 359.408

Sweetspot

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



54, 73.158, 129.409



74, 33.107, 129.590



41, 55.153, 65.672



39, 22.733, 129.407



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, 73.158, 129.409



69, 89.419, 129.769



53, 78.241, 136.570



31, 5.054, 130.579



51, 69.902, 129.347



2, 4.421, 130.948

Inverse Universe

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



23, 81.387, 313.427



31, 99.358, 313.180



34, 73.605, 330.273



29, 5.113, 311.318



21, 77.823, 313.476



1, 4.422, 310.946

Previews

White Background



This preview shows how the CIELCh color 54, 73.158, 129.408 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, 73.158, 129.408 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, 73.158, 129.408

Background



This preview shows how black text looks on a background with the CIELCh color 54, 73.158, 129.408.



This preview shows how white text looks on a background with the CIELCh color 54, 73.158, 129.408.

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, 73.158, 129.408

Protanopia
54, 58.999, 95.371

Deuteranopia
54, 52.790, 82.383



Tritanopia
54, 17.489, 219.400

Trichromacy



Original Color
54, 73.158, 129.408

Protanomaly
53, 61.198, 111.152

Deuteranomaly
53, 55.455, 105.236

Tritanomaly
53, 35.570, 148.545

Monochromacy



Original Color
54, 73.158, 129.408

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 33.137, 129.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 73.158, 129.408 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(66, 147, 1)` looks like.

```
.text, #text, p{  
    color:rgb(66, 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(66, 147, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 147, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 73.158, 129.408 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(66, 147, 1) }
```

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

```
.border{ border-color:rgb(66, 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(66, 147, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 147, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 147, 1);  
box-shadow:4px 4px 4px 4px rgb(66, 147, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 73.158, 129.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 147, 1) }
```

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

```
.background{ background-color: rgb(66, 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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