

Converting Colors

CIELCh(54, 72.545, 128.723)

Have a look what the booklet for
CIELCh(54, 72.545, 128.723)
contains.

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Color

CIELCh(54, 72.256, 128.684)

Conversions

Conversions Part 1

Format	Color
Hex	459202
RGB	69, 146, 2
RGB Percent	27%, 57%, 1%
CMY	0.7276, 0.4258, 0.9930
CMYK	0.53, 0.00, 0.99, 0.43
HSL	92°, 98%, 29%
HSV	92°, 99%, 57%
XYZ	12.8412, 21.9746, 3.6160
YIQ	106.5610, 0.3320, -61.1080

Conversions

Conversions Part 2

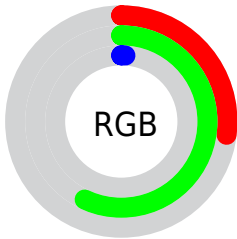
Format	Color
R_{YB}	2, 146, 79
Decimal	4559362
CIE _{Lab}	54.00, -45.16, 56.40
CIE _{LCh}	54, 72.256, 128.684
Yxy	21.9746, 0.3341, 0.5718
Android (android.graphics.Color)	4282749442 (0xFF459202)
YUV	106.5610, -51.5486, -32.9410
Hunter-Lab	46.8770, -33.1374, 28.2404

Details

The CIELCh color **54, 72.256, 128.684** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **23, 81.270, 312.898**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 72.401, 128.624**, and **34, 57.725, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 72.668, 128.768**, and if you desaturate by 10%, it is **54, 68.777, 127.910**.

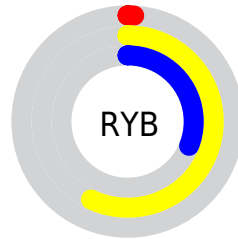
Distribution



Red (27%)

Green (57%)

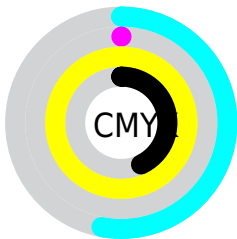
Blue (1%)



Red (1%)

Yellow (57%)

Blue (31%)

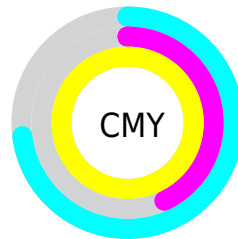


Cyan (53%)

Magenta (0%)

Yellow (99%)

Black (43%)



Cyan (73%)

Magenta (43%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 72.256, 128.684 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, 72.256, 128.684 by changing the saturation by 10% instead.

 54, 72.256,
128.684

 54, 72.256,
128.684

 100, 72.256,
128.684

 44, 72.256,
128.684

 74, 72.256,
128.684

 34, 72.256,
128.684

 84, 72.256,
128.684

 24, 72.256,
128.684

 94, 72.256,
128.684

 14, 72.256,
128.684

 4, 72.256, 128.684

 0, 72.256, 128.684

■ 54, 72.256,
128.684

■ 54, 72.256,
128.684

■ 54, 72.668,
128.768

■ 54, 68.777,
127.910

■ 55, 63.948,
127.475

■ 55, 57.722,
127.420

■ 56, 50.459,
127.628

■ 56, 42.492,
127.991

■ 57, 34.078,
128.434

■ 58, 25.402,
128.905

■ 59, 16.593,

129.375

■ 60, 7.741, 129.829

Harmonies

Complementary

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



54, 72.256, 128.684



23, 81.270, 312.898

Rectangle

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



54, 72.256, 128.684



54, 72.256, 178.684



54, 72.256, 308.684



54, 72.256, 358.684

Sweetspot

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



54, 72.256, 128.685



74, 32.911, 128.817



40, 55.239, 62.940



39, 22.597, 128.636



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, 72.256, 128.685



69, 88.804, 129.106



53, 78.551, 136.257



31, 5.026, 129.809



51, 69.426, 128.678



2, 4.398, 130.183

Inverse Universe

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



23, 81.270, 312.898



31, 99.837, 312.626



34, 75.202, 328.874



29, 5.088, 310.560



21, 78.187, 312.924



1, 4.399, 310.181

Previews

White Background



This preview shows how the CIELCh color 54, 72.256, 128.684 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, 72.256, 128.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

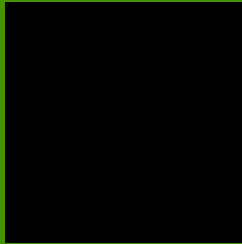
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 72.256, 128.684

Background



This preview shows how black text looks on a background with the CIELCh color 54, 72.256, 128.684.



This preview shows how white text looks on a background with the CIELCh color 54, 72.256, 128.684.

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, 72.108, 128.751

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 52.790, 82.383



Tritanopia
54, 16.687, 220.550

Trichromacy



Original Color
54, 72.108, 128.751

Protanomaly
53, 60.874, 110.348

Deuteranomaly
53, 55.180, 104.786

Tritanomaly
53, 34.666, 147.054

Monochromacy



Original Color
54, 72.108, 128.751

Achromatopsia
45, 0.006, 296.813

Achromatomaly
48, 32.285, 128.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 72.256, 128.684 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(69, 146, 2)` looks like.

```
.text, #text, p{  
    color:rgb(69, 146, 2)  
}
```

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(69, 146, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 146, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 72.256, 128.684 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(69, 146, 2) }
```

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

```
.border{ border-color:rgb(69, 146, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 146, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 146, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 146, 2);  
box-shadow:4px 4px 4px 4px rgb(69, 146, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 72.256, 128.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 146, 2) }
```

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

```
.background{ background-color: rgb(69, 146,  
2) }
```

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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