

Converting Colors

CIELCh(54, 66.512, 120.140)

Have a look what the booklet for
CIELCh(54, 66.512, 120.140)
contains.

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Color

CIELCh(54, 66.173, 120.043)

Conversions

Conversions Part 1

Format	Color
Hex	628E00
RGB	98, 142, 0
RGB Percent	38%, 56%, 0%
CMY	0.6153, 0.4428, 0.9993
CMYK	0.31, 0.00, 1.00, 0.44
HSL	79°, 100%, 28%
HSV	79°, 100%, 56%
XYZ	14.7340, 21.9746, 3.4696
YIQ	112.6560, 19.3580, -53.4900

Conversions

Conversions Part 2

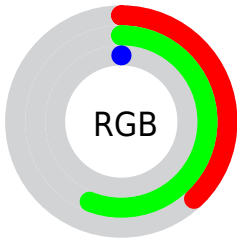
Format	Color
RYB	0, 142, 44
Decimal	6458880
CIELab	54.00, -33.13, 57.28
CIELCh	54, 66.173, 120.043
Yxy	21.9746, 0.3667, 0.5469
Android (android.graphics.Color)	4284648960 (0xFF628E00)
YUV	112.6560, -55.5394, -12.8533
Hunter-Lab	46.8770, -25.9302, 28.4256

Details

The CIELCh color **54, 66.173, 120.043** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **18, 83.596, 308.652**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 66.336, 120.009**, and **34, 50.923, 127.060** is the 20% darker color. If you saturate the color by 10%, you get **54, 66.208, 120.052**, and if you desaturate by 10%, it is **54, 63.291, 119.335**.

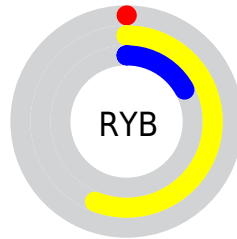
Distribution



Red (38%)

Green (56%)

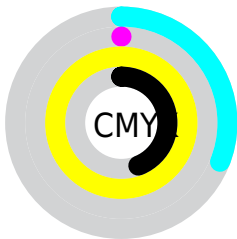
Blue (0%)



Red (0%)

Yellow (56%)

Blue (17%)

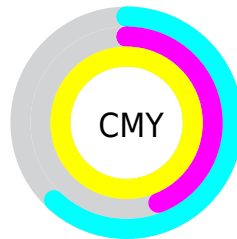


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (62%)


Magenta (44%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 66.173, 120.043 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, 66.173, 120.043 by changing the saturation by 10% instead.


 54, 66.173,
120.043


 54, 66.173,
120.043


 100, 66.173,
120.043

 44, 66.173,
120.043


 74, 66.173,
120.043

 34, 66.173,
120.043

 84, 66.173,
120.043

 24, 66.173,
120.043

 94, 66.173,
120.043

 14, 66.173,
120.043

 4, 66.173, 120.043

 0, 66.173, 120.043

■ 54, 66.173,
120.043

■ 54, 66.173,
120.043

■ 54, 66.208,
120.052

■ 54, 63.291,
119.335

■ 55, 59.250,
118.918

■ 55, 53.816,
118.871

■ 55, 47.331,
119.091

■ 56, 40.123,
119.483

■ 56, 32.447,
119.977

■ 57, 24.481,
120.522

■ 58, 16.350,

121.086

■ 58, 8.134, 121.647

Harmonies

Complementary

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



54, 66.173, 120.043



18, 83.596, 308.652

Rectangle

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



54, 66.173, 120.043



54, 66.173, 170.043



54, 66.173, 300.043



54, 66.173, 350.043

Sweetspot

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



54, 66.173, 120.045



72, 30.287, 120.480



33, 60.522, 48.055



37, 20.544, 120.276



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 66.173, 120.045



68, 80.106, 120.354



51, 75.850, 134.448



30, 4.668, 121.686



52, 63.815, 119.985



2, 3.162, 122.178

Inverse Universe

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



18, 83.596, 308.652



25, 101.281, 308.463



28, 76.118, 320.854



28, 4.751, 302.692



17, 80.628, 308.701



0, 3.163, 302.176

Previews

White Background



This preview shows how the CIELCh color 54, 66.173, 120.043 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, 66.173, 120.043 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, 66.173, 120.043

Background



This preview shows how black text looks on a background with the CIELCh color 54, 66.173, 120.043.



This preview shows how white text looks on a background with the CIELCh color 54, 66.173, 120.043.

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

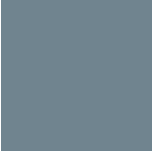
54, 66.173, 120.043

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 53.780, 82.634



Tritanopia
54, 9.542, 240.721

Trichromacy



Original Color
54, 66.173, 120.043

Protanomaly
54, 60.182, 105.546

Deuteranomaly
53, 55.416, 98.295

Tritanomaly
53, 28.336, 132.461

Monochromacy



Original Color
54, 66.173, 120.043

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 30.462, 119.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 66.173, 120.043 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(98, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 142, 0)  
}
```

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(98, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 142, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 66.173, 120.043 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(98, 142, 0) }
```

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

```
.border{ border-color:rgb(98, 142, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 142, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 142, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 66.173, 120.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 142, 0) }
```

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

```
.background{ background-color: rgb(98, 142,  
0) }
```

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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