

Converting Colors

CIELCh(54, 43.179, 122.732)

Have a look what the booklet for
CIELCh(54, 43.179, 122.732)
contains.

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Color

CIELCh(54, 43.231, 122.947)

Conversions

Conversions Part 1

Format	Color
Hex	6D8B40
RGB	109, 139, 64
RGB Percent	43%, 55%, 25%
CMY	0.5738, 0.4561, 0.7501
CMYK	0.22, 0.00, 0.54, 0.46
HSL	84°, 37%, 40%
HSV	84°, 54%, 54%
XYZ	16.3741, 21.9746, 8.1860
YIQ	121.4800, 6.1950, -29.6850

Conversions

Conversions Part 2

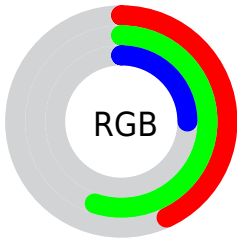
Format	Color
RYB	64, 139, 94
Decimal	7179072
CIELab	54.00, -23.51, 36.28
CIELCh	54, 43.231, 122.947
Yxy	21.9746, 0.3519, 0.4722
Android (android.graphics.Color)	4285369152 (0xFF6D8B40)
YUV	121.4800, -28.3376, -10.9450
Hunter-Lab	46.8770, -19.6849, 22.4603

Details

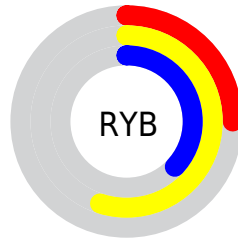
The CIELCh color $54, 43.231, 122.947$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $34, 47.702, 308.729$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 43.413, 123.153$, and $34, 43.220, 122.885$ is the 20% darker color. If you saturate the color by 10%, you get $53, 50.241, 122.666$, and if you desaturate by 10%, it is $55, 35.684, 123.358$.

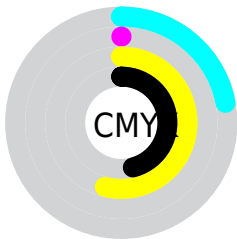
Distribution



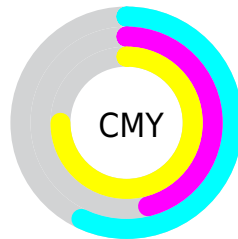
- Red (43%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (37%)



- Cyan (22%)
- Magenta (0%)
- Yellow (54%)
- Black (46%)





- Cyan (57%)
- Magenta (46%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 43.231, 122.947 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, 43.231, 122.947 by changing the saturation by 10% instead.


 54, 43.231,
122.947

 54, 43.231,
122.947

 100, 43.231,
122.947


 44, 43.231,
122.947


 74, 43.231,
122.947

 34, 43.231,
122.947

 84, 43.231,
122.947

 24, 43.231,
122.947

 94, 43.231,
122.947

 14, 43.231,
122.947

 4, 43.231, 122.947

 0, 43.231, 122.947

■ 54, 43.231,
122.947

■ 54, 43.231,
122.947

■ 53, 50.241,
122.666

■ 55, 35.684,
123.358

■ 53, 56.432,
122.596

■ 55, 27.799,
123.834

■ 53, 61.470,
122.849

■ 56, 19.718,
124.335

■ 52, 65.070,
123.524

■ 57, 11.538,
124.838

■ 52, 66.901,
123.973

■ 57, 3.326, 125.335

■ 58, 4.870, 305.761

■ 59, 13.017,
306.198

■ 60, 21.090,
306.596

■ 61, 29.071,
306.961

Harmonies

Complementary

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



54, 43.231, 122.947



34, 47.702, 308.729

Rectangle

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



54, 43.231, 122.947



54, 43.231, 172.947



54, 43.231, 302.947



54, 43.231, 352.947

Sweetspot

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



54, 43.232, 122.948



72, 16.317, 124.723



44, 28.679, 58.840



38, 11.102, 124.633



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, 43.232, 122.948



68, 62.994, 122.626



52, 49.861, 138.071



29, 4.601, 125.081



50, 64.722, 123.904



1, 2.140, 125.505

Inverse Universe

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



34, 47.702, 308.729



38, 71.442, 309.502



38, 50.099, 324.090



27, 4.673, 305.943



18, 78.160, 310.164



0, 2.140, 305.504

Previews

White Background



This preview shows how the CIELCh color 54, 43.231, 122.947 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, 43.231, 122.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

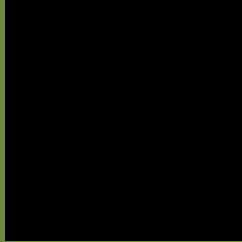
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 43.231, 122.947

Background



This preview shows how black text looks on a background with the CIELCh color 54, 43.231, 122.947.



This preview shows how white text looks on a background with the CIELCh color 54, 43.231, 122.947.

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, 43.231, 122.947

Protanopia

54, 38.414, 95.650

Deuteranopia

54, 35.609, 78.855



Tritanopia
54, 7.475, 257.523

Trichromacy



Original Color
54, 43.231, 122.947

Protanomaly
54, 39.177, 106.653

Deuteranomaly
54, 35.631, 97.541

Tritanomaly
54, 13.665, 140.948

Monochromacy



Original Color
54, 43.231, 122.947

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 16.122, 123.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 43.231, 122.947 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(109, 139, 64)` looks like.

```
.text, #text, p{  
    color:rgb(109, 139, 64)  
}
```

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(109, 139, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 139, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 43.231, 122.947 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(109, 139, 64) }
```

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

```
.border{ border-color:rgb(109, 139, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 139, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 139, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 139, 64);  
box-shadow:4px 4px 4px 4px rgb(109, 139,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 43.231, 122.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 139, 64) }
```

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

```
.background{ background-color: rgb(109,  
139, 64) }
```

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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