

Converting Colors

CIELCh(54, 44.947, 123.259)

Have a look what the booklet for
CIELCh(54, 44.947, 123.259)
contains.

CIELCh(54, 44.915, 123.271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 44.915, 123.271)

Conversions

Conversions Part 1

Format	Color
Hex	6B8B3D
RGB	107, 139, 61
RGB Percent	42%, 55%, 24%
CMY	0.5799, 0.4544, 0.7603
CMYK	0.23, 0.00, 0.56, 0.45
HSL	85°, 39%, 39%
HSV	85°, 56%, 55%
XYZ	16.1756, 21.9746, 7.8208
YIQ	120.5400, 5.9660, -31.0420

Conversions

Conversions Part 2

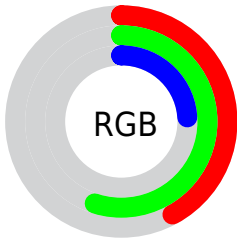
Format	Color
RYB	61, 139, 93
Decimal	7047997
CIELab	54.00, -24.64, 37.55
CIElCh	54, 44.915, 123.271
Yxy	21.9746, 0.3519, 0.4780
Android (android.graphics.Color)	4285238077 (0xFF6B8B3D)
YUV	120.5400, -29.3532, -11.8746
Hunter-Lab	46.8770, -20.4406, 22.9222

Details

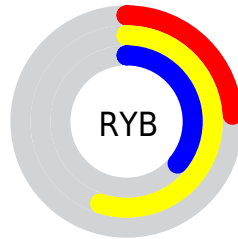
The CIELCh color $54, 44.915, 123.271$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $33, 49.674, 309.159$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 45.098, 123.468$, and $34, 45.045, 123.063$ is the 20% darker color. If you saturate the color by 10%, you get $53, 51.825, 123.027$, and if you desaturate by 10%, it is $55, 37.416, 123.659$.

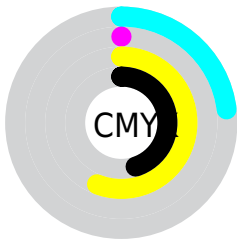
Distribution



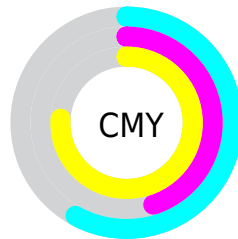
- Red (42%)
- Green (55%)
- Blue (24%)



- Red (24%)
- Yellow (55%)
- Blue (36%)



- Cyan (23%)
- Magenta (0%)
- Yellow (56%)
- Black (45%)





- Cyan (58%)
- Magenta (45%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 44.915, 123.271 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, 44.915, 123.271 by changing the saturation by 10% instead.


 54, 44.915,
123.271

 54, 44.915,
123.271


 100, 44.915,
123.271

 44, 44.915,
123.271


 74, 44.915,
123.271

 34, 44.915,
123.271


 84, 44.915,
123.271

 24, 44.915,
123.271

 94, 44.915,
123.271

 14, 44.915,
123.271

 4, 44.915, 123.271

 0, 44.915, 123.271

■ 54, 44.915,
123.271

■ 54, 44.915,
123.271

■ 53, 51.825,
123.027

■ 55, 37.416,
123.659

■ 53, 57.851,
123.017

■ 55, 29.544,
124.122

■ 53, 62.651,
123.353

■ 56, 21.452,
124.616

■ 52, 66.049,
124.096

■ 57, 13.246,
125.115

■ 52, 67.278,
124.386

■ 57, 4.997, 125.606

■ 58, 3.243, 306.030

■ 59, 11.436,
306.473

■ 60, 19.558,
306.871

■ 61, 27.587,
307.236

Harmonies

Complementary

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



54, 44.915, 123.271



33, 49.674, 309.159

Rectangle

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



54, 44.915, 123.271



54, 44.915, 173.271



54, 44.915, 303.271



54, 44.915, 353.271

Sweetspot

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



54, 44.916, 123.272



72, 17.372, 125.051



44, 30.000, 58.670



38, 11.709, 124.965



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, 44.916, 123.272



68, 64.746, 123.000



52, 51.655, 137.900



29, 4.610, 125.455



50, 64.934, 124.312



1, 2.144, 125.873

Inverse Universe

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



33, 49.674, 309.159



38, 73.547, 309.882



38, 51.872, 324.156



27, 4.681, 306.305



18, 78.001, 310.351



0, 2.144, 305.871

Previews

White Background



This preview shows how the CIELCh color 54, 44.915, 123.271 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, 44.915, 123.271 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, 44.915, 123.271

Background



This preview shows how black text looks on a background with the CIELCh color 54, 44.915, 123.271.



This preview shows how white text looks on a background with the CIELCh color 54, 44.915, 123.271.

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](#).

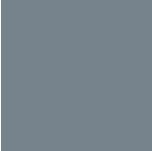
Dichromacy



Original Color
54, 44.915, 123.271

Protanopia
54, 39.899, 95.793

Deuteranopia
54, 36.586, 79.423



Tritanopia
54, 7.439, 250.098

Trichromacy



Original Color
54, 44.915, 123.271

Protanomaly
54, 40.670, 107.070

Deuteranomaly
54, 36.656, 97.619

Tritanomaly
54, 15.064, 141.111

Monochromacy



Original Color
54, 44.915, 123.271

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 17.442, 124.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 44.915, 123.271 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(107, 139, 61)` looks like.

```
.text, #text, p{  
    color:rgb(107, 139, 61)  
}
```

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(107, 139, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 139, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 44.915, 123.271 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(107, 139, 61) }
```

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

```
.border{ border-color:rgb(107, 139, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 139, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 139, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 139, 61);  
box-shadow:4px 4px 4px 4px rgb(107, 139,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 44.915, 123.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 139, 61) }
```

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

```
.background{ background-color: rgb(107,  
139, 61) }
```

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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