

Converting Colors

CIELCh(54, 50.565, 125.741)

Have a look what the booklet for
CIELCh(54, 50.565, 125.741)
contains.

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Color

CIELCh(54, 50.389, 125.823)

Conversions

Conversions Part 1

Format	Color
Hex	638D36
RGB	99, 141, 54
RGB Percent	39%, 55%, 21%
CMY	0.6117, 0.4470, 0.7882
CMYK	0.30, 0.00, 0.62, 0.45
HSL	89°, 45%, 38%
HSV	89°, 62%, 55%
XYZ	15.3408, 21.9746, 6.9249
YIQ	118.5240, 2.8950, -35.9610

Conversions

Conversions Part 2

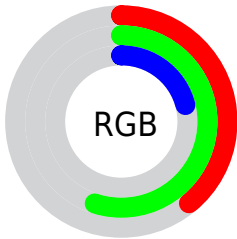
Format	Color
RYB	54, 141, 96
Decimal	6524214
CIELab	54.00, -29.49, 40.86
CIElCh	54, 50.389, 125.823
Yxy	21.9746, 0.3468, 0.4967
Android (android.graphics.Color)	4284714294 (0xFF638D36)
YUV	118.5240, -31.8103, -17.1225
Hunter-Lab	46.8770, -23.6196, 24.0553

Details

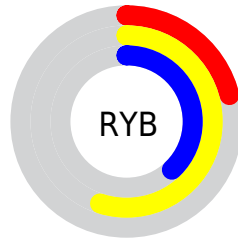
The CIELCh color $54, 50.389, 125.823$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $32, 55.394, 311.579$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 50.596, 125.916$, and $34, 49.923, 125.706$ is the 20% darker color. If you saturate the color by 10%, you get $53, 57.081, 125.698$, and if you desaturate by 10%, it is $55, 42.942, 126.138$.

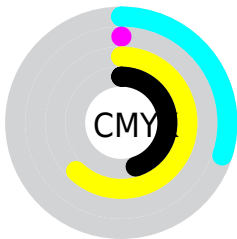
Distribution



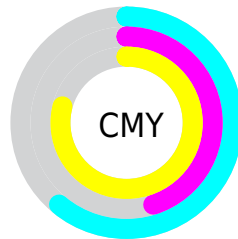
- Red (39%)
- Green (55%)
- Blue (21%)



- Red (21%)
- Yellow (55%)
- Blue (38%)



- Cyan (30%)
- Magenta (0%)
- Yellow (62%)
- Black (45%)





- Cyan (61%)
- Magenta (45%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 50.389, 125.823 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, 50.389, 125.823 by changing the saturation by 10% instead.


 54, 50.389,
125.823


 54, 50.389,
125.823


 100, 50.389,
125.823


 44, 50.389,
125.823


 74, 50.389,
125.823

 34, 50.389,
125.823

 84, 50.389,
125.823

 24, 50.389,
125.823

 94, 50.389,
125.823

 14, 50.389,
125.823

 4, 50.389, 125.823

 0, 50.389, 125.823

■ 54, 50.389,
125.823

■ 54, 50.389,
125.823

■ 53, 57.081,
125.698

■ 55, 42.942,
126.138

■ 53, 62.681,
125.869

■ 55, 35.004,
126.555

■ 53, 66.862,
126.452

■ 56, 26.768,
127.020

■ 52, 69.570,
127.103

■ 57, 18.368,
127.496

■ 58, 9.899, 127.963

■ 58, 1.425, 128.454

■ 59, 7.005, 308.789

■ 60, 15.359,
309.171

■ 62, 23.612,
309.514

Harmonies

Complementary

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



54, 50.389, 125.823



32, 55.394, 311.579

Rectangle

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



54, 50.389, 125.823



54, 50.389, 175.823



54, 50.389, 305.823



54, 50.389, 355.823

Sweetspot

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



54, 50.390, 125.824



73, 19.955, 127.604



44, 33.857, 64.648



38, 13.683, 127.485



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, 50.390, 125.824



68, 72.137, 125.723



52, 57.729, 138.672



30, 4.826, 128.078



50, 67.414, 127.038



2, 3.263, 128.465

Inverse Universe

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



32, 55.394, 311.579



36, 81.109, 312.056



38, 57.330, 326.402



28, 4.891, 308.859



20, 77.924, 311.803



0, 3.264, 308.463

Previews

White Background



This preview shows how the CIELCh color 54, 50.389, 125.823 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, 50.389, 125.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

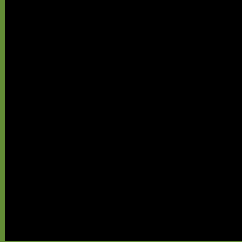
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 50.389, 125.823

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.389, 125.823.



This preview shows how white text looks on a background with the CIELCh color 54, 50.389, 125.823.

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

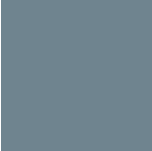
54, 50.389, 125.823

Protanopia

54, 43.704, 96.065

Deuteranopia

54, 39.514, 79.412



Tritanopia
54, 9.804, 239.348

Trichromacy



Original Color
54, 50.389, 125.823

Protanomaly
54, 44.530, 108.227

Deuteranomaly
53, 39.483, 99.802

Tritanomaly
54, 17.876, 147.258

Monochromacy



Original Color
54, 50.389, 125.823

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 19.505, 126.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 50.389, 125.823 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(99, 141, 54)` looks like.

```
.text, #text, p{  
    color:rgb(99, 141, 54)  
}
```

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(99, 141, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 141, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.389, 125.823 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(99, 141, 54) }
```

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

```
.border{ border-color:rgb(99, 141, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 141, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 141, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 141, 54);  
box-shadow:4px 4px 4px 4px rgb(99, 141,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.389, 125.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 141, 54) }
```

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

```
.background{ background-color: rgb(99, 141,  
54) }
```

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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