

Converting Colors

CIELCh(54, 14.527, 123.388)

Have a look what the booklet for
CIELCh(54, 14.527, 123.388)
contains.

CIELCh(54, 14.781, 123.085)	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, 14.781, 123.085)

Conversions

Conversions Part 1

Format	Color
Hex	7C856C
RGB	124, 133, 108
RGB Percent	49%, 52%, 42%
CMY	0.5155, 0.4802, 0.5782
CMYK	0.07, 0.00, 0.19, 0.48
HSL	82°, 10%, 47%
HSV	82°, 19%, 52%
XYZ	19.2550, 21.9746, 17.2909
YIQ	127.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

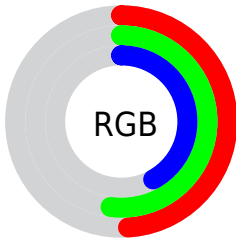
Format	Color
RYB	108, 133, 117
Decimal	8160620
CIELab	54.00, -8.07, 12.38
CIELCh	54, 14.781, 123.085
Yxy	21.9746, 0.3290, 0.3755
Android (android.graphics.Color)	4286350700 (0xFF7C856C)
YUV	127.4590, -9.5933, -3.0335
Hunter-Lab	46.8770, -8.7151, 10.9444

Details

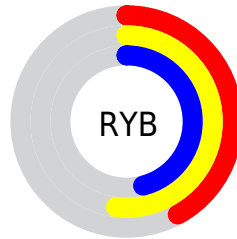
The CIELCh color `54, 14.781, 123.085` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `47, 15.266, 305.069`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 14.945, 122.269`, and `34, 15.400, 123.230` is the 20% darker color. If you saturate the color by 10%, you get `53, 22.558, 122.563`, and if you desaturate by 10%, it is `55, 6.943, 123.608`.

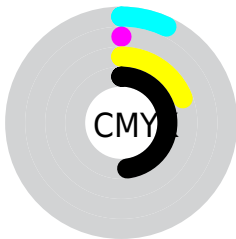
Distribution



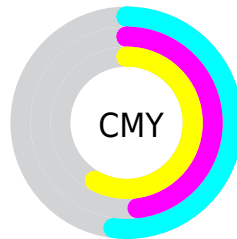
- Red (49%)
- Green (52%)
- Blue (42%)



- Red (42%)
- Yellow (52%)
- Blue (46%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (48%)





- Cyan (52%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 14.781, 123.085 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, 14.781, 123.085 by changing the saturation by 10% instead.


 54, 14.781,
123.085


 54, 14.781,
123.085


 100, 14.781,
123.085


 44, 14.781,
123.085


 74, 14.781,
123.085

 34, 14.781,
123.085

 84, 14.781,
123.085

 24, 14.781,
123.085

 94, 14.781,
123.085

 14, 14.781,
123.085

 4, 14.781, 123.085

 0, 14.781, 123.085

■ 54, 14.781,
123.085

■ 54, 14.781,
123.085

■ 53, 22.558,
122.563

■ 55, 6.943, 123.608

■ 53, 30.194,
122.052

■ 55, 0.908, 304.040

■ 56, 8.734, 304.561

■ 52, 37.582,
121.584

■ 57, 16.508,
305.002

■ 52, 44.562,
121.208

■ 58, 24.210,
305.410

■ 51, 50.909,
120.994

■ 59, 31.826,
305.786

■ 51, 56.326,
121.036

■ 60, 39.345,
306.130

■ 51, 60.490,
121.440

■ 61, 46.760,
306.445

■ 50, 63.534,

122.151

■ 62, 54.066,
306.732

■ 50, 63.884,
122.224

Harmonies

Complementary

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



54, 14.781, 123.085



47, 15.266, 305.069

Rectangle

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



54, 14.781, 123.085



54, 14.781, 173.085



54, 14.781, 303.085



54, 14.781, 353.085

Sweetspot

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



54, 14.782, 123.088



70, 5.859, 123.748



50, 8.583, 56.204



36, 3.870, 123.721



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 14.782, 123.088



69, 22.439, 122.842



53, 16.835, 139.351



28, 4.425, 123.594



49, 62.999, 122.195



1, 1.063, 124.041

Inverse Universe

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



47, 15.266, 305.069



58, 23.369, 305.361



48, 16.945, 321.116



26, 4.498, 304.505



17, 77.659, 309.496



0, 1.063, 304.039

Previews

White Background



This preview shows how the CIE LCh color 54, 14.781, 123.085 looks on a white background.

Color Contrast Check

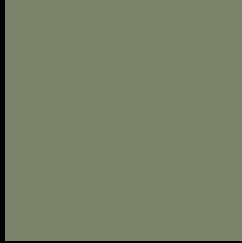
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.781, 123.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

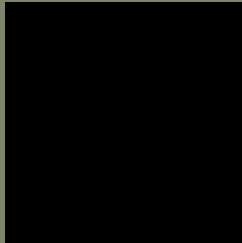
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 14.781, 123.085

Background



This preview shows how black text looks on a background with the CIELCh color 54, 14.781, 123.085.



This preview shows how white text looks on a background with the CIELCh color 54, 14.781, 123.085.

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, 14.781, 123.085

Protanopia

54, 13.508, 95.792

Deuteranopia

54, 13.498, 59.555



Tritanopia
54, 5.773, 290.893

Trichromacy



Original Color
54, 14.781, 123.085

Protanomaly
54, 13.170, 106.700

Deuteranomaly
54, 12.063, 83.786

Tritanomaly
54, 2.355, 152.248

Monochromacy



Original Color
54, 14.781, 123.085

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 5.326, 122.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 14.781, 123.085 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(124, 133, 108)` looks like.

```
.text, #text, p{  
    color:rgb(124, 133, 108)  
}
```

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(124, 133, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 133, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 14.781, 123.085 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(124, 133, 108) }
```

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

```
.border{ border-color:rgb(124, 133, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 133, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 133, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 133, 108);  
box-shadow:4px 4px 4px 4px rgb(124, 133,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 14.781, 123.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 133, 108) }
```

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

```
.background{ background-color: rgb(124,  
133, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor