

Converting Colors

CIELCh(54, 4.591, 147.659)

Have a look what the booklet for
CIELCh(54, 4.591, 147.659) contains.

CIELCh(54, 4.457, 148.348)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 4.457, 148.348)

Conversions

Conversions Part 1

Format	Color
Hex	7C837D
RGB	124, 131, 125
RGB Percent	49%, 51%, 49%
CMY	0.5140, 0.4865, 0.5101
CMYK	0.05, 0.00, 0.05, 0.49
HSL	129°, 3%, 50%
HSV	129°, 5%, 51%
XYZ	20.1081, 21.9746, 22.5623
YIQ	128.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

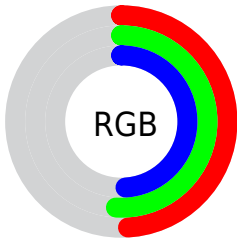
Format	Color
RYB	124, 130, 131
Decimal	8160125
CIELab	54.00, -3.79, 2.34
CIElCh	54, 4.457, 148.348
Yxy	21.9746, 0.3111, 0.3399
Android (android.graphics.Color)	4286350205 (0xFF7C837D)
YUV	128.2230, -1.5889, -3.7036
Hunter-Lab	46.8770, -5.4664, 4.2771

Details

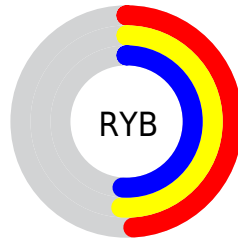
The CIELCh color $54, 4.457, 148.348$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 4.473, 328.867$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 4.182, 148.451$, and $34, 4.851, 148.163$ is the 20% darker color. If you saturate the color by 10%, you get $53, 12.879, 147.661$, and if you desaturate by 10%, it is $55, 3.858, 328.807$.

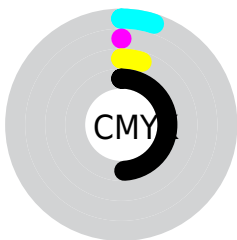
Distribution



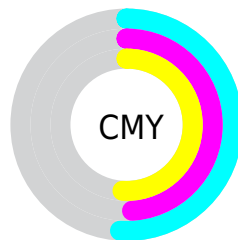
- Red (49%)
- Green (51%)
- Blue (49%)



- Red (49%)
- Yellow (51%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 4.457, 148.348 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, 4.457, 148.348 by changing the saturation by 10% instead.

■ 54, 4.457, 148.348

■ 54, 4.457, 148.348

■ 100, 4.457,
148.348

■ 44, 4.457, 148.348

■ 74, 4.457, 148.348

■ 34, 4.457, 148.348

■ 84, 4.457, 148.348

■ 24, 4.457, 148.348

■ 94, 4.457, 148.348

■ 14, 4.457, 148.348

■ 4, 4.457, 148.348

■ 0, 4.457, 148.348

■ 54, 4.457, 148.348

■ 54, 4.457, 148.348

■ 53, 12.879,
147.661

■ 55, 3.858, 328.807

■ 57, 12.009,

■ 52, 21.317,
146.896

329.333

■ 51, 29.656,
146.014

■ 59, 19.953,
329.765

■ 50, 37.754,
145.001

■ 60, 27.663,
330.138

■ 49, 45.442,
143.848

■ 62, 35.128,
330.465

■ 48, 52.527,
142.564

■ 64, 42.344,
330.754

■ 48, 58.809,
141.176

■ 66, 49.314,
331.009

■ 48, 64.085,
139.745

■ 68, 56.046,
331.238

■ 47, 68.193,
138.391

■ 70, 62.549,
331.442

Harmonies

Complementary

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



54, 4.457, 148.348



53, 4.473, 328.867

Rectangle

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



54, 4.457, 148.348



54, 4.457, 198.348



54, 4.457, 328.348



54, 4.457, 18.348

Sweetspot

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



54, 4.459, 148.347



70, 2.063, 148.621



54, 4.032, 115.018



37, 1.182, 148.638



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, 4.459, 148.347



69, 6.222, 148.292



54, 3.143, 171.155



28, 3.329, 148.275



47, 69.404, 137.925



1, 1.137, 148.614

Inverse Universe

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



53, 4.473, 328.867



67, 6.241, 328.918



53, 3.185, 351.872



27, 3.339, 328.935



29, 62.909, 334.652



0, 1.137, 328.608

Previews

White Background



This preview shows how the CIE LCh color 54, 4.457, 148.348 looks on a white background.

Color Contrast Check

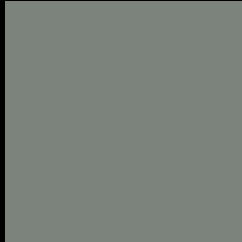
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.457, 148.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

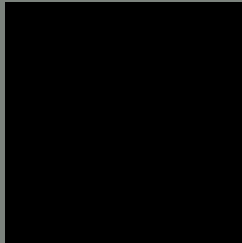
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

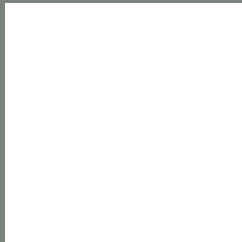
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 4.457, 148.348

Background



This preview shows how black text looks on a background with the CIELCh color 54, 4.457, 148.348.



This preview shows how white text looks on a background with the CIELCh color 54, 4.457, 148.348.

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

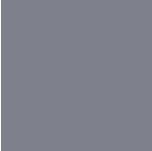
54, 4.457, 148.348

Protanopia

54, 3.047, 68.340

Deuteranopia

54, 6.930, 15.373



Tritanopia
54, 5.859, 279.618

Trichromacy



Original Color

54, 4.457, 148.348

Protanomaly

54, 2.894, 101.815

Deuteranomaly

54, 3.269, 29.737

Tritanomaly

54, 2.985, 250.041

Monochromacy



Original Color

54, 4.457, 148.348

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.402, 144.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 4.457, 148.348 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, 131, 125)` looks like.

```
.text, #text, p{  
    color:rgb(124, 131, 125)  
}
```

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, 131, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 131, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 4.457, 148.348 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, 131, 125) }
```

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

```
.border{ border-color:rgb(124, 131, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 131, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 131, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 131, 125);  
box-shadow:4px 4px 4px 4px rgb(124, 131,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 4.457, 148.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 131, 125) }
```

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

```
.background{ background-color: rgb(124,  
131, 125) }
```

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