

Converting Colors

CIELCh(54, 8.179, 97.389)

Have a look what the booklet for
CIELCh(54, 8.179, 97.389) contains.

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Color

CIELCh(54, 8.196, 97.509)

Conversions

Conversions Part 1

Format	Color
Hex	858173
RGB	133, 129, 115
RGB Percent	52%, 51%, 45%
CMY	0.4779, 0.4936, 0.5485
CMYK	0.00, 0.03, 0.14, 0.48
HSL	47°, 7%, 49%
HSV	47°, 14%, 52%
XYZ	20.6645, 21.9746, 19.4119
YIQ	128.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

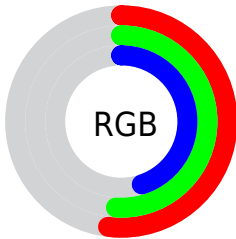
Format	Color
R_{YB}	120, 133, 115
Decimal	8749427
CIE Lab	54.00, -1.07, 8.13
CIE LCh	54, 8.196, 97.509
Yxy	21.9746, 0.3330, 0.3541
Android (android.graphics.Color)	4286939507 (0xFF858173)
YUV	128.6000, -6.7048, 3.8588
Hunter-Lab	46.8770, -3.3477, 8.2618

Details

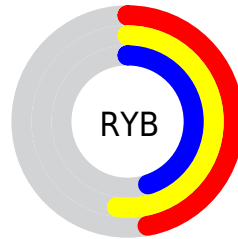
The CIELCh color $54, 8.196, 97.509$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $50, 8.299, 280.689$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 8.221, 98.589$, and $34, 8.218, 99.141$ is the 20% darker color. If you saturate the color by 10%, you get $53, 14.322, 96.367$, and if you desaturate by 10%, it is $55, 2.120, 98.599$.

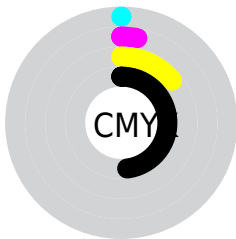
Distribution



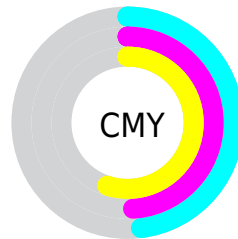
- Red (52%)
- Green (51%)
- Blue (45%)



- Red (47%)
- Yellow (52%)
- Blue (45%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 8.196, 97.509 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, 8.196, 97.509 by changing the saturation by 10% instead.

■ 54, 8.196, 97.509 ■ 54, 8.196, 97.509

■ 100, 8.196, 97.509 ■ 44, 8.196, 97.509

■ 74, 8.196, 97.509 ■ 34, 8.196, 97.509

■ 84, 8.196, 97.509 ■ 24, 8.196, 97.509

■ 94, 8.196, 97.509 ■ 14, 8.196, 97.509

■ 4, 8.196, 97.509

■ 0, 8.196, 97.509

■ 54, 8.196, 97.509 ■ 54, 8.196, 97.509

■ 53, 14.322, 96.367 ■ 55, 2.120, 98.599

■ 52, 20.466, 95.181 ■ 56, 3.896, 279.775

51, 26.580, 93.970

58, 9.845, 280.798

50, 32.573, 92.737

59, 15.726,
281.790

49, 38.294, 91.483

60, 21.538,
282.738

48, 43.489, 90.198

47, 47.785, 88.854

61, 27.283,
283.640

46, 50.734, 87.397

63, 32.965,
284.496

45, 52.375, 86.455

64, 38.585,
285.306

66, 44.146,
286.072

Harmonies

Complementary

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



54, 8.196, 97.509



50, 8.299, 280.689

Rectangle

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



54, 8.196, 97.509



54, 8.196, 147.509



54, 8.196, 277.509



54, 8.196, 327.509

Sweetspot

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



54, 8.197, 97.519



70, 2.989, 98.544



50, 7.767, 1.969



36, 2.117, 98.478



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, 8.197, 97.519



69, 12.052, 97.196



55, 10.486, 119.757



27, 3.399, 98.010



44, 51.505, 86.499



1, 0.813, 99.042

Inverse Universe

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



50, 8.299, 280.689



63, 12.229, 281.072



49, 10.764, 301.384



26, 3.431, 280.130



18, 67.400, 300.828



0, 0.813, 279.046

Previews

White Background



This preview shows how the CIELCh color 54, 8.196, 97.509 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, 8.196, 97.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

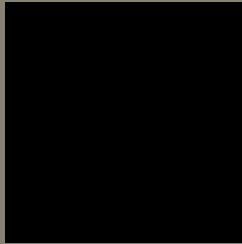
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

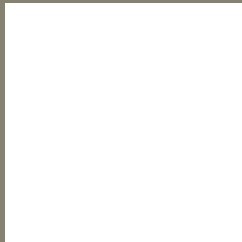
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 8.196, 97.509

Background



This preview shows how black text looks on a background with the CIELCh color 54, 8.196, 97.509.



This preview shows how white text looks on a background with the CIELCh color 54, 8.196, 97.509.

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

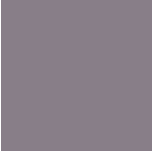
54, 8.196, 97.509

Protanopia

54, 8.402, 91.923

Deuteranopia

54, 10.344, 46.479



Tritanopia
54, 7.011, 324.803

Trichromacy



Original Color
54, 8.196, 97.509

Protanomaly
54, 8.289, 94.684

Deuteranomaly
54, 8.512, 62.118

Tritanomaly
54, 3.261, 9.491

Monochromacy



Original Color
54, 8.196, 97.509

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.973, 94.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 8.196, 97.509 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(133, 129, 115)` looks like.

```
.text, #text, p{  
    color:rgb(133, 129, 115)  
}
```

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(133, 129, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 129, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 8.196, 97.509 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(133, 129, 115) }
```

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

```
.border{ border-color:rgb(133, 129, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 129, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 129, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 129, 115);  
box-shadow:4px 4px 4px 4px rgb(133, 129,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 8.196, 97.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 129, 115) }
```

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

```
.background{ background-color: rgb(133,  
129, 115) }
```

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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