

Converting Colors

CIELCh(54, 38.928, 9.661)

Have a look what the booklet for
CIELCh(54, 38.928, 9.661) contains.

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Color

CIELCh(54, 39.199, 9.971)

Conversions

Conversions Part 1

Format	Color
Hex	C16577
RGB	193, 101, 119
RGB Percent	76%, 40%, 47%
CMY	0.2432, 0.6039, 0.5334
CMYK	0.00, 0.48, 0.38, 0.24
HSL	348°, 43%, 58%
HSV	348°, 48%, 76%
XYZ	29.9732, 21.9746, 20.1126
YIQ	130.5600, 49.0540, 25.1020

Conversions

Conversions Part 2

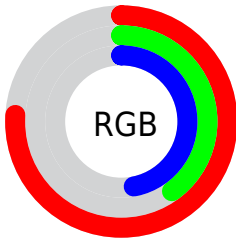
Format	Color
R_{YB}	193, 101, 119
Decimal	12674423
CIE _{Lab}	54.00, 38.61, 6.79
CIE _{LCh}	54, 39.199, 9.971
Yxy	21.9746, 0.4159, 0.3049
Android (android.graphics.Color)	4290864503 (0xFFC16577)
YUV	130.5600, -5.6991, 54.7599
Hunter-Lab	46.8770, 32.0982, 7.3755

Details

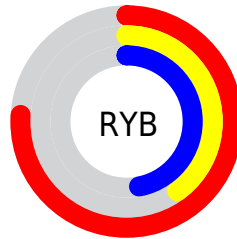
The CIELCh color **54, 39.199, 9.971** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 31.836, 178.941**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 39.201, 10.088**, and **34, 39.176, 9.622** is the 20% darker color. If you saturate the color by 10%, you get **50, 47.682, 12.332**, and if you desaturate by 10%, it is **59, 30.549, 8.093**.

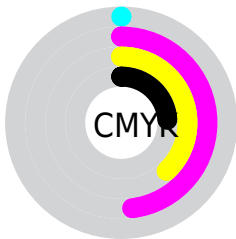
Distribution



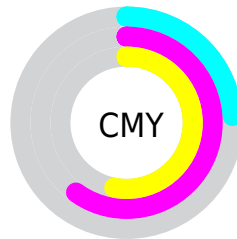
- Red (76%)
- Green (40%)
- Blue (47%)



- Red (76%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (48%)
- Yellow (38%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 39.199, 9.971 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, 39.199, 9.971 by changing the saturation by 10% instead.

 54, 39.199, 9.971  54, 39.199, 9.971

 100, 39.199, 9.971  44, 39.199, 9.971

 74, 39.199, 9.971  34, 39.199, 9.971

 84, 39.199, 9.971  24, 39.199, 9.971

 94, 39.199, 9.971  14, 39.199, 9.971

 4, 39.199, 9.971

 0, 39.199, 9.971

 54, 39.199, 9.971  54, 39.199, 9.971

 50, 47.682, 12.332  59, 30.549, 8.093

 46, 55.682, 15.317  63, 21.998, 6.568

■ 44, 62.881, 19.070

■ 69, 13.716, 5.303

■ 42, 69.105, 23.650

■ 74, 5.800, 4.203

■ 41, 74.451, 28.822

■ 79, 1.712, 183.682

■ 40, 75.697, 29.960

■ 85, 8.814, 182.670

■ 90, 15.525,
181.962

■ 96, 21.685,
181.763

■ 96, 20.214,
198.174

Harmonies

Complementary

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



54, 39.199, 9.971



72, 31.836, 178.941

Rectangle

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



54, 39.199, 9.971



54, 39.199, 59.971



54, 39.199, 189.971



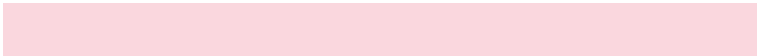
54, 39.199, 239.971

Sweetspot

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



54, 39.196, 9.974



89, 13.289, 4.911



54, 57.381, 320.835



46, 9.224, 5.156



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 39.196, 9.974



64, 58.135, 12.392



60, 33.203, 49.126



38, 4.322, 4.385



33, 65.610, 29.148



3, 14.276, 8.851

Inverse Universe

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



54, 39.196, 9.974



64, 58.135, 12.392



65, 24.394, 237.490



38, 4.322, 4.385



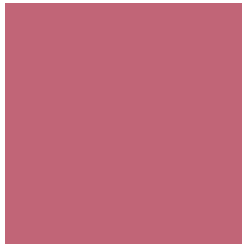
33, 65.610, 29.148



3, 14.276, 8.851

Previews

White Background



This preview shows how the CIELCh color 54, 39.199, 9.971 looks on a white background.

Color Contrast Check

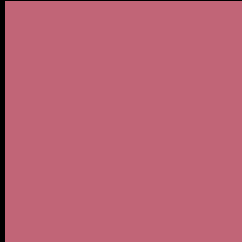
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.199, 9.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

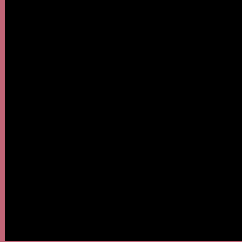
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 39.199, 9.971

Background



This preview shows how black text looks on a background with the CIELCh color 54, 39.199, 9.971.



This preview shows how white text looks on a background with the CIELCh color 54, 39.199, 9.971.

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, 39.199, 9.971

Protanopia

54, 2.918, 298.236

Deuteranopia

54, 10.942, 51.646



Tritanopia
54, 38.155, 18.568

Trichromacy



Original Color
54, 39.199, 9.971

Protanomaly
54, 14.922, 358.602

Deuteranomaly
54, 20.351, 21.758

Tritanomaly
54, 38.404, 15.386

Monochromacy



Original Color
54, 39.199, 9.971

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 14.444, 5.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 39.199, 9.971 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(193, 101, 119)` looks like.

```
.text, #text, p{  
    color:rgb(193, 101, 119)  
}
```

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(193, 101, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 101, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 39.199, 9.971 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(193, 101, 119) }
```

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

```
.border{ border-color:rgb(193, 101, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 101, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 101, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 101, 119);  
box-shadow:4px 4px 4px 4px rgb(193, 101,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 39.199, 9.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 101, 119) }
```

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

```
.background{ background-color: rgb(193,  
101, 119) }
```

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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