

Converting Colors

CIELCh(54, 8.968, 39.171)

Have a look what the booklet for
CIELCh(54, 8.968, 39.171) contains.

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Color

CIELCh(54, 8.786, 39.172)

Conversions

Conversions Part 1

Format	Color
Hex	917D78
RGB	145, 125, 120
RGB Percent	57%, 49%, 47%
CMY	0.4321, 0.5105, 0.5301
CMYK	0.00, 0.14, 0.17, 0.43
HSL	12°, 10%, 52%
HSV	12°, 17%, 57%
XYZ	22.3328, 21.9746, 20.7754
YIQ	130.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

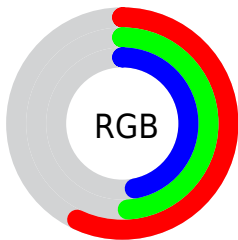
Format	Color
R_{YB}	145, 126, 120
Decimal	9534840
CIE Lab	54.00, 6.81, 5.55
CIE LCh	54, 8.786, 39.172
Yxy	21.9746, 0.3431, 0.3376
Android (android.graphics.Color)	4287724920 (0xFF917D78)
YUV	130.4100, -5.1321, 12.7954
Hunter-Lab	46.8770, 3.0050, 6.5373

Details

The CIELCh color $54, 8.786, 39.172$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 7.880, 220.113$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 8.726, 41.650$, and $34, 8.622, 37.273$ is the 20% darker color. If you saturate the color by 10%, you get $51, 14.449, 39.197$, and if you desaturate by 10%, it is $58, 3.550, 39.232$.

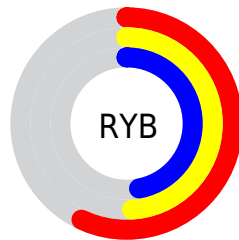
Distribution



Red (57%)

Green (49%)

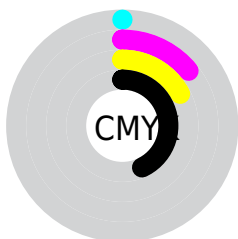
Blue (47%)



Red (57%)

Yellow (49%)

Blue (47%)

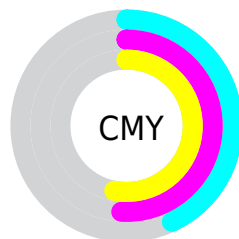


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (43%)



Cyan (43%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 8.786, 39.172 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, 8.786, 39.172 by changing the saturation by 10% instead.

 54, 8.786, 39.172  54, 8.786, 39.172

 100, 8.786, 39.172  44, 8.786, 39.172

 74, 8.786, 39.172  34, 8.786, 39.172

 84, 8.786, 39.172  24, 8.786, 39.172

 94, 8.786, 39.172  14, 8.786, 39.172

 4, 8.786, 39.172

 0, 8.786, 39.172

 54, 8.786, 39.172  54, 8.786, 39.172

 51, 14.449, 39.197  58, 3.550, 39.232

 47, 20.569, 39.344  61, 1.292, 219.889

44, 27.151, 39.668

65, 5.780, 219.900

41, 34.173, 40.202

68, 9.953, 220.183

38, 41.551, 40.958

72, 13.848,
220.517

36, 49.093, 41.889

76, 17.499,
220.876

34, 56.375, 42.800

32, 62.726, 43.441

79, 20.935,
221.251

32, 64.366, 43.713

83, 24.184,
221.632

86, 27.267,
222.016

Harmonies

Complementary

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



54, 8.786, 39.172



57, 7.880, 220.113

Rectangle

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



54, 8.786, 39.172



54, 8.786, 89.172



54, 8.786, 219.172



54, 8.786, 269.172

Sweetspot

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



54, 8.785, 39.184



74, 3.009, 39.217



53, 15.159, 331.568



39, 2.051, 39.225



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 8.785, 39.184



67, 13.492, 39.176



57, 10.390, 91.614



28, 2.751, 39.227



29, 60.786, 43.591



1, 1.798, 39.485

Inverse Universe

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



57, 7.880, 220.113



72, 11.753, 220.309



53, 10.421, 275.992



29, 2.603, 219.841



42, 27.350, 234.489



1, 1.798, 219.505

Previews

White Background



This preview shows how the CIELCh color 54, 8.786, 39.172 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 CIE LCh color 54, 8.786, 39.172 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, 8.786, 39.172

Background



This preview shows how black text looks on a background with the CIELCh color 54, 8.786, 39.172.



This preview shows how white text looks on a background with the CIELCh color 54, 8.786, 39.172.

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, 8.786, 39.172

Protanopia

54, 4.323, 87.584

Deuteranopia

54, 8.786, 39.172



Tritanopia
54, 10.578, 351.370

Trichromacy



Original Color
54, 8.786, 39.172

Protanomaly
54, 5.347, 59.727

Deuteranomaly
54, 8.786, 39.172

Tritanomaly
54, 9.211, 6.019

Monochromacy



Original Color
54, 8.786, 39.172

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 3.036, 41.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 8.786, 39.172 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(145, 125, 120)` looks like.

```
.text, #text, p{  
    color:rgb(145, 125, 120)  
}
```

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(145, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 125, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 8.786, 39.172 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(145, 125, 120) }
```

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

```
.border{ border-color:rgb(145, 125, 120) }
```

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

Here you see how a box with a 4 pixel rgb(145, 125, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(145, 125,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 8.786, 39.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 125, 120) }
```

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

```
.background{ background-color: rgb(145,  
125, 120) }
```

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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