

Converting Colors

CIELCh(54, 4.011, 199.066)

Have a look what the booklet for
CIELCh(54, 4.011, 199.066) contains.

CIELCh(54, 3.881, 199.107)	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, 3.881, 199.107)

Conversions

Conversions Part 1

Format	Color
Hex	798383
RGB	121, 131, 131
RGB Percent	47%, 51%, 51%
CMY	0.5251, 0.4859, 0.4859
CMYK	0.08, 0.00, 0.00, 0.49
HSL	180°, 4%, 49%
HSV	180°, 8%, 51%
XYZ	20.1338, 21.9746, 24.6901
YIQ	128.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

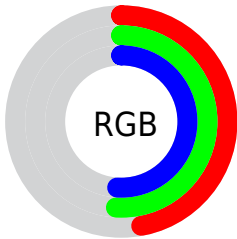
Format	Color
R_{YB}	121, 126, 131
Decimal	7963523
CIE _{Lab}	54.00, -3.67, -1.27
CIE _{LCh}	54, 3.881, 199.107
Yxy	21.9746, 0.3014, 0.3290
Android (android.graphics.Color)	4286153603 (0xFF798383)
YUV	128.0100, 1.4741, -6.1478
Hunter-Lab	46.8770, -5.3685, 1.5859

Details

The CIELCh color $54, 3.881, 199.107$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52, 4.065, 19.746$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 4.025, 199.208$, and $34, 4.175, 198.874$ is the 20% darker color. If you saturate the color by 10%, you get $53, 8.739, 198.533$, and if you desaturate by 10%, it is $55, 1.233, 19.189$.

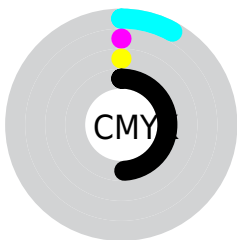
Distribution



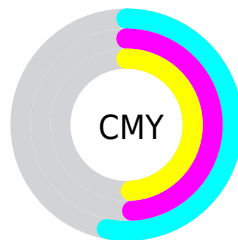
- Red (47%)
- Green (51%)
- Blue (51%)



- Red (47%)
- Yellow (49%)
- Blue (51%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 3.881, 199.107 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, 3.881, 199.107 by changing the saturation by 10% instead.

■ 54, 3.881, 199.107

■ 54, 3.881, 199.107

■ 100, 3.881,
199.107

■ 44, 3.881, 199.107

■ 74, 3.881, 199.107

■ 34, 3.881, 199.107

■ 84, 3.881, 199.107

■ 24, 3.881, 199.107

■ 94, 3.881, 199.107

■ 14, 3.881, 199.107

■ 4, 3.881, 199.107

■ 0, 3.881, 199.107

■ 54, 3.881, 199.107

■ 54, 3.881, 199.107

■ 53, 8.739, 198.533

■ 55, 1.233, 19.189

■ 52, 13.263,

■ 56, 6.539, 20.015

198.060

57, 11.977, 20.623

51, 17.377,
197.643

59, 17.497, 21.227

51, 21.006,
197.283

60, 23.059, 21.834

50, 24.084,
196.982

62, 28.633, 22.442

50, 26.562,
196.743

65, 39.722, 23.647

50, 28.420,
196.565

67, 45.206, 24.237

50, 29.667,
196.445

49, 30.425,
196.371

Harmonies

Complementary

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



54, 3.881, 199.107



52, 4.065, 19.746

Rectangle

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



54, 3.881, 199.107



54, 3.881, 249.107



54, 3.881, 19.107



54, 3.881, 69.107

Sweetspot

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



54, 3.882, 199.089



70, 1.278, 199.662



54, 7.008, 143.610



37, 0.733, 199.698



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, 3.882, 199.089



69, 5.664, 198.990



53, 3.415, 254.596



28, 2.886, 198.995



49, 30.414, 196.355



1, 0.707, 199.404

Inverse Universe

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



52, 4.065, 19.746



65, 5.989, 19.868



53, 3.476, 72.637



26, 3.050, 19.863



26, 62.112, 38.500



0, 0.707, 19.387

Previews

White Background



This preview shows how the CIELCh color 54, 3.881, 199.107 looks on a white background.

Color Contrast Check

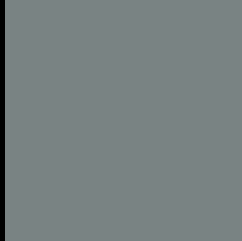
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.881, 199.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

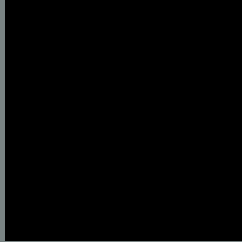
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

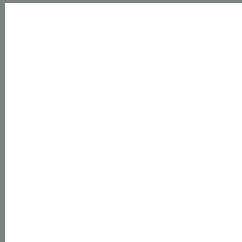
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 3.881, 199.107

Background



This preview shows how black text looks on a background with the CIELCh color 54, 3.881, 199.107.



This preview shows how white text looks on a background with the CIELCh color 54, 3.881, 199.107.

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, 3.881, 199.107

Protanopia

54, 1.333, 353.636

Deuteranopia

54, 7.230, 346.341



Tritanopia
54, 6.290, 265.970

Trichromacy



Original Color

54, 3.881, 199.107

Protanomaly

54, 0.971, 236.242

Deuteranomaly

54, 3.757, 329.594

Tritanomaly

54, 5.008, 253.126

Monochromacy



Original Color

54, 3.881, 199.107

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.572, 199.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 3.881, 199.107 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(121, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(121, 131, 131)  
}
```

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(121, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 131, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 3.881, 199.107 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(121, 131, 131) }
```

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

```
.border{ border-color:rgb(121, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(121, 131,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 3.881, 199.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 131, 131) }
```

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

```
.background{ background-color: rgb(121,  
131, 131) }
```

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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