

Converting Colors

CIELCh(54, 5.358, 88.081)

Have a look what the booklet for
CIELCh(54, 5.358, 88.081) contains.

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Color

CIELCh(54, 5.408, 91.938)

Conversions

Conversions Part 1

Format	Color
Hex	858178
RGB	133, 129, 120
RGB Percent	52%, 51%, 47%
CMY	0.4792, 0.4948, 0.5301
CMYK	0.00, 0.03, 0.10, 0.48
HSL	42°, 5%, 50%
HSV	42°, 10%, 52%
XYZ	20.8482, 21.9746, 20.8538
YIQ	129.1700, 5.2730, -1.9510

Conversions

Conversions Part 2

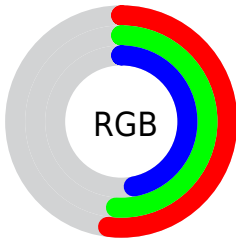
Format	Color
R_{YB}	126, 133, 120
Decimal	8749432
CIE _{Lab}	54.00, -0.18, 5.40
CIE _{LCh}	54, 5.408, 91.938
Yxy	21.9746, 0.3274, 0.3451
Android (android.graphics.Color)	4286939512 (0xFF858178)
YUV	129.1700, -4.5208, 3.3589
Hunter-Lab	46.8770, -2.6483, 6.4380

Details

The CIELCh color **54, 5.408, 91.938** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **52, 5.422, 274.381**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 5.590, 93.815**, and **34, 5.165, 94.200** is the 20% darker color. If you saturate the color by 10%, you get **53, 11.040, 90.750**, and if you desaturate by 10%, it is **55, 0.125, 274.488**.

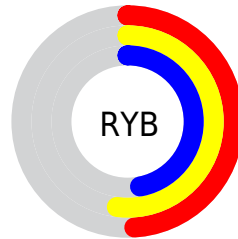
Distribution



Red (52%)

Green (51%)

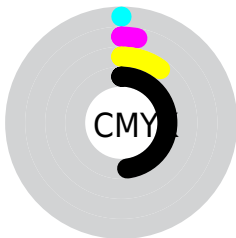
Blue (47%)



Red (49%)

Yellow (52%)

Blue (47%)

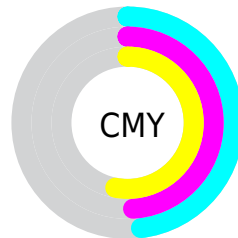


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.408, 91.938 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, 5.408, 91.938 by changing the saturation by 10% instead.

 54, 5.408, 91.938  54, 5.408, 91.938

 100, 5.408, 91.938  44, 5.408, 91.938

 74, 5.408, 91.938  34, 5.408, 91.938


 84, 5.408, 91.938  24, 5.408, 91.938

 94, 5.408, 91.938  14, 5.408, 91.938

 4, 5.408, 91.938

 0, 5.408, 91.938

 54, 5.408, 91.938  54, 5.408, 91.938

 53, 11.040, 90.750  55, 0.125, 274.488

 51, 16.757, 89.497  57, 5.560, 274.325

■ 50, 22.536, 88.206

■ 59, 10.899,
275.396

■ 48, 28.323, 86.878

■ 60, 16.148,
276.427

■ 47, 34.016, 85.506

■ 46, 39.432, 84.071

■ 62, 21.312,
277.412

■ 45, 44.264, 82.525

■ 63, 26.398,
278.349

■ 43, 48.052, 80.776

■ 42, 50.971, 78.892

■ 65, 31.411,
279.237

■ 67, 36.355,
280.078

■ 68, 41.237,
280.873

Harmonies

Complementary

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



54, 5.408, 91.938



52, 5.422, 274.381

Rectangle

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



54, 5.408, 91.938



54, 5.408, 141.938



54, 5.408, 271.938



54, 5.408, 321.938

Sweetspot

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



54, 5.409, 91.954



70, 2.044, 92.682



52, 5.779, 355.649



36, 1.545, 92.614



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, 5.409, 91.954



69, 8.268, 91.660



55, 7.499, 116.695



27, 3.111, 92.030



41, 50.277, 78.912



0, 0.742, 93.133

Inverse Universe

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



52, 5.422, 274.381



65, 8.285, 274.712



51, 7.657, 298.044



26, 3.119, 274.295



21, 59.909, 296.926



0, 0.742, 273.139

Previews

White Background



This preview shows how the CIELCh color 54, 5.408, 91.938 looks on a white background.

Color Contrast Check

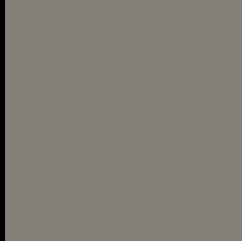
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.408, 91.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

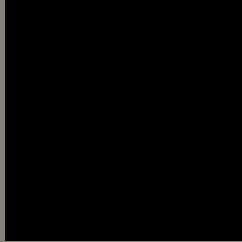
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

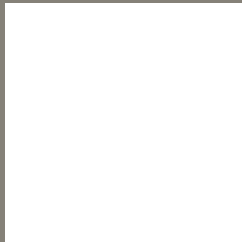
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 5.408, 91.938

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.408, 91.938.



This preview shows how white text looks on a background with the CIELCh color 54, 5.408, 91.938.

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

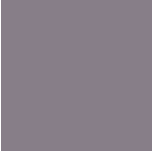
54, 5.408, 91.938

Protanopia

54, 5.545, 87.877

Deuteranopia

54, 8.589, 35.641



Tritanopia
54, 6.798, 322.032

Trichromacy



Original Color
54, 5.408, 91.938

Protanomaly
54, 5.545, 87.877

Deuteranomaly
54, 6.811, 44.796

Tritanomaly
54, 3.294, 348.030

Monochromacy



Original Color
54, 5.408, 91.938

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.761, 96.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 5.408, 91.938 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(133, 129, 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(133, 129, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 129, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.408, 91.938 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, 120) }
```

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

```
.border{ border-color:rgb(133, 129, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 129, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 129, 120);  
box-shadow:4px 4px 4px 4px rgb(133, 129,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.408, 91.938 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, 120) }
```

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

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