

Converting Colors

CIELCh(54, 5.832, 70.272)

Have a look what the booklet for
CIELCh(54, 5.832, 70.272) contains.

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Color

CIELCh(54, 5.888, 70.705)

Conversions

Conversions Part 1

Format	Color
Hex	898078
RGB	137, 128, 120
RGB Percent	54%, 50%, 47%
CMY	0.4642, 0.4995, 0.5309
CMYK	0.00, 0.07, 0.12, 0.46
HSL	28°, 7%, 50%
HSV	28°, 12%, 54%
XYZ	21.2928, 21.9746, 20.7712
YIQ	129.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

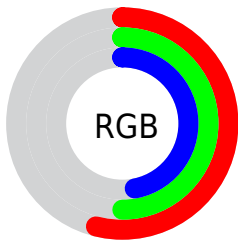
Format	Color
R_{YB}	137, 135, 120
Decimal	9011320
CIE _{Lab}	54.00, 1.95, 5.56
CIE _{LCh}	54, 5.888, 70.705
Yxy	21.9746, 0.3325, 0.3431
Android (android.graphics.Color)	4287201400 (0xFF898078)
YUV	129.7790, -4.8210, 6.3328
Hunter-Lab	46.8770, -0.9553, 6.5425

Details

The CIELCh color $54, 5.888, 70.705$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 5.685, 253.792$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 5.935, 74.217$, and $34, 5.676, 69.830$ is the 20% darker color. If you saturate the color by 10%, you get $52, 10.894, 69.593$, and if you desaturate by 10%, it is $56, 1.122, 71.650$.

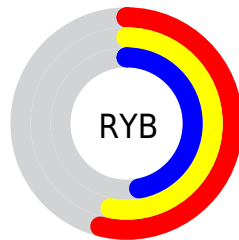
Distribution



Red (54%)

Green (50%)

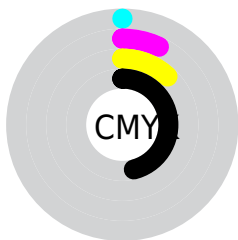
Blue (47%)



Red (54%)

Yellow (53%)

Blue (47%)

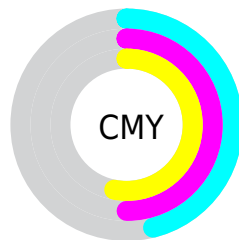


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (46%)



Cyan (46%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.888, 70.705 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, 5.888, 70.705 by changing the saturation by 10% instead.

 54, 5.888, 70.705  54, 5.888, 70.705

 100, 5.888, 70.705  44, 5.888, 70.705

 74, 5.888, 70.705  34, 5.888, 70.705

 84, 5.888, 70.705  24, 5.888, 70.705

 94, 5.888, 70.705  14, 5.888, 70.705

 4, 5.888, 70.705

 0, 5.888, 70.705

 54, 5.888, 70.705  54, 5.888, 70.705

 52, 10.894, 69.593  56, 1.122, 71.650

 49, 16.157, 68.445  59, 3.426, 253.121

47, 21.685, 67.295

61, 7.779, 254.167

45, 27.462, 66.145

64, 11.958,
255.217

43, 33.435, 64.979

66, 15.982,
256.239

41, 39.466, 63.749

39, 45.266, 62.343

69, 19.870,
257.225

37, 50.301, 60.528

71, 23.638,
258.172

36, 53.979, 59.262

73, 27.299,
259.078

76, 30.865,
259.945

Harmonies

Complementary

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



54, 5.888, 70.705



53, 5.685, 253.792

Rectangle

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



54, 5.888, 70.705



54, 5.888, 120.705



54, 5.888, 250.705



54, 5.888, 300.705

Sweetspot

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



54, 5.888, 70.722



72, 2.305, 71.570



52, 8.613, 342.848



37, 1.635, 71.516



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 5.888, 70.722



68, 8.900, 70.399



56, 9.339, 107.627



28, 2.667, 71.079



35, 52.789, 59.379



1, 1.216, 72.181

Inverse Universe

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



53, 5.685, 253.792



67, 8.511, 254.194



51, 9.582, 290.119



28, 2.603, 253.368



30, 40.819, 279.633



1, 1.216, 252.195

Previews

White Background



This preview shows how the CIELCh color 54, 5.888, 70.705 looks on a white background.

Color Contrast Check

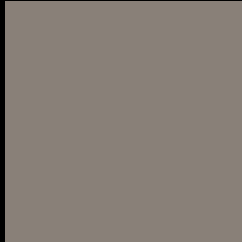
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.888, 70.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

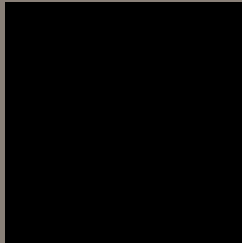
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 5.888, 70.705

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.888, 70.705.

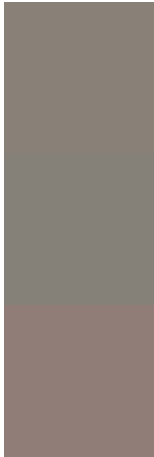


This preview shows how white text looks on a background with the CIELCh color 54, 5.888, 70.705.

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, 5.888, 70.705

Protanopia

54, 5.545, 87.877

Deuteranopia

54, 8.786, 39.172



Tritanopia
54, 8.017, 334.340

Trichromacy



Original Color
54, 5.888, 70.705

Protanomaly
54, 5.708, 84.023

Deuteranomaly
54, 7.462, 47.369

Tritanomaly
54, 5.122, 0.241

Monochromacy



Original Color
54, 5.888, 70.705

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.089, 74.761

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 5.888, 70.705 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(137, 128, 120)` looks like.

```
.text, #text, p{  
    color:rgb(137, 128, 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(137, 128, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 128, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.888, 70.705 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(137, 128, 120) }
```

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

```
.border{ border-color:rgb(137, 128, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 128, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 128, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 128, 120);  
box-shadow:4px 4px 4px 4px rgb(137, 128,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.888, 70.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 128, 120) }
```

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

```
.background{ background-color: rgb(137,  
128, 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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