

Converting Colors

CIELCh(54, 5.615, 55.049)

Have a look what the booklet for
CIELCh(54, 5.615, 55.049) contains.

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Color

CIELCh(54, 5.672, 57.044)

Conversions

Conversions Part 1

Format	Color
Hex	8A7F79
RGB	138, 127, 121
RGB Percent	54%, 50%, 47%
CMY	0.4587, 0.5018, 0.5254
CMYK	0.00, 0.08, 0.12, 0.46
HSL	21°, 7%, 51%
HSV	21°, 12%, 54%
XYZ	21.5335, 21.9746, 21.2061
YIQ	129.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

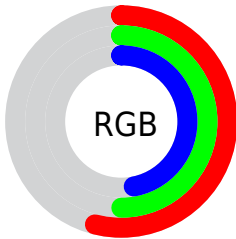
Format	Color
RYB	138, 130, 121
Decimal	9076601
CIELab	54.00, 3.09, 4.76
CIElCh	54, 5.672, 57.044
Yxy	21.9746, 0.3327, 0.3396
Android (android.graphics.Color)	4287266681 (0xFF8A7F79)
YUV	129.6050, -4.2423, 7.3624
Hunter-Lab	46.8770, -0.0388, 5.9924

Details

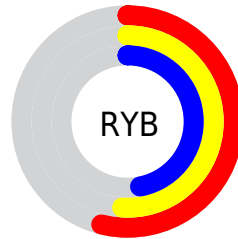
The CIELCh color $54, 5.672, 57.044$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 5.358, 239.393$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 5.638, 61.552$, and $34, 5.493, 54.434$ is the 20% darker color. If you saturate the color by 10%, you get $51, 10.632, 56.295$, and if you desaturate by 10%, it is $57, 1.029, 57.604$.

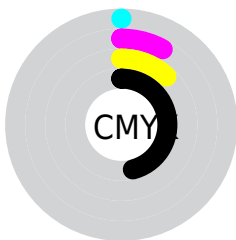
Distribution



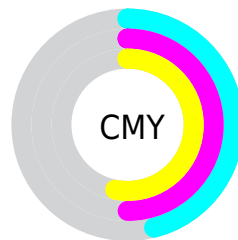
- Red (54%)
- Green (50%)
- Blue (47%)



- Red (54%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (46%)




- Cyan (46%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.672, 57.044 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, 5.672, 57.044 by changing the saturation by 10% instead.

 54, 5.672, 57.044  54, 5.672, 57.044

 100, 5.672, 57.044  44, 5.672, 57.044

 74, 5.672, 57.044  34, 5.672, 57.044

 84, 5.672, 57.044  24, 5.672, 57.044

 94, 5.672, 57.044  14, 5.672, 57.044

 4, 5.672, 57.044

 0, 5.672, 57.044

 54, 5.672, 57.044  54, 5.672, 57.044

 51, 10.632, 56.295  57, 1.029, 57.604

 48, 15.939, 55.557  60, 3.327, 238.912

46, 21.614, 54.876

63, 7.428, 239.706

43, 27.657, 54.264

65, 11.305,
240.541

41, 34.036, 53.717

68, 14.983,
241.374

39, 40.639, 53.198

36, 47.205, 52.590

71, 18.488,
242.194

34, 53.187, 51.624

74, 21.839,
242.994

33, 57.651, 51.083

77, 25.057,
243.772

80, 28.156,
244.526

Harmonies

Complementary

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



54, 5.672, 57.044



54, 5.358, 239.393

Rectangle

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



54, 5.672, 57.044



54, 5.672, 107.044



54, 5.672, 237.044



54, 5.672, 287.044

Sweetspot

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



54, 5.672, 57.063



71, 2.209, 57.609



53, 9.328, 337.214



37, 1.568, 57.581



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, 5.672, 57.063



68, 8.608, 56.832



56, 8.282, 101.940



28, 2.566, 57.299



32, 55.835, 51.155



1, 1.160, 58.142

Inverse Universe

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



54, 5.358, 239.393



68, 8.006, 239.715



52, 8.431, 284.658



28, 2.463, 239.084



35, 32.484, 263.789



1, 1.160, 238.160

Previews

White Background



This preview shows how the CIELCh color 54, 5.672, 57.044 looks on a white background.

Color Contrast Check

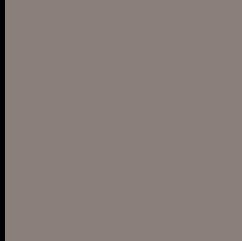
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.672, 57.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

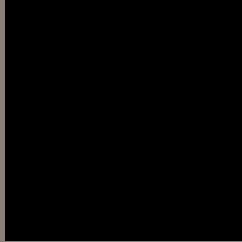
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 5.672, 57.044

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.672, 57.044.



This preview shows how white text looks on a background with the CIELCh color 54, 5.672, 57.044.

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, 5.672, 57.044

Protanopia

54, 4.323, 87.584

Deuteranopia

54, 8.182, 36.391



Tritanopia
54, 8.296, 336.368

Trichromacy



Original Color
54, 5.672, 57.044

Protanomaly
54, 4.461, 69.997

Deuteranomaly
54, 7.195, 43.422

Tritanomaly
54, 5.703, 356.224

Monochromacy



Original Color
54, 5.672, 57.044

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.960, 55.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 5.672, 57.044 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(138, 127, 121)` looks like.

```
.text, #text, p{  
    color:rgb(138, 127, 121)  
}
```

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(138, 127, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 127, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.672, 57.044 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(138, 127, 121) }
```

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

```
.border{ border-color:rgb(138, 127, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 127, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 127, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 127, 121);  
box-shadow:4px 4px 4px 4px rgb(138, 127,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.672, 57.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 127, 121) }
```

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

```
.background{ background-color: rgb(138,  
127, 121) }
```

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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