

Converting Colors

CIELCh(54, 13.017, 303.341)

Have a look what the booklet for
CIELCh(54, 13.017, 303.341)
contains.

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Color

CIELCh(54, 13.017, 303.341)

Conversions

Conversions Part 1

Format	Color
Hex	857E94
RGB	133, 126, 148
RGB Percent	52%, 49%, 58%
CMY	0.4792, 0.5066, 0.4204
CMYK	0.10, 0.15, 0.00, 0.42
HSL	259°, 9%, 54%
HSV	259°, 15%, 58%
XYZ	22.4074, 21.9746, 30.9944
YIQ	130.6010, -2.8900, 8.3260

Conversions

Conversions Part 2

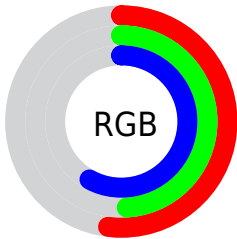
Format	Color
R _Y B	133, 126, 148
Decimal	8748692
CIE Lab	54.00, 7.15, -10.87
CIE LCh	54, 13.017, 303.341
Yxy	21.9746, 0.2973, 0.2915
Android (android.graphics.Color)	4286938772 (0xFF857E94)
YUV	130.6010, 8.5777, 2.1039
Hunter-Lab	46.8770, 3.2889, -6.3878

Details

The CIELCh color $54, 13.017, 303.341$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 12.667, 121.676$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.756, 302.639$, and $34, 12.840, 303.018$ is the 20% darker color. If you saturate the color by 10%, you get $49, 22.131, 304.014$, and if you desaturate by 10%, it is $59, 4.200, 302.734$.

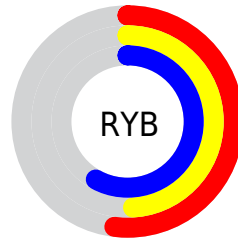
Distribution



Red (52%)

Green (49%)

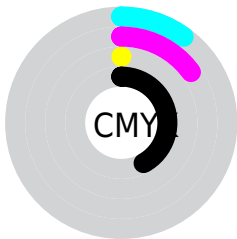
Blue (58%)



Red (52%)

Yellow (49%)

Blue (58%)

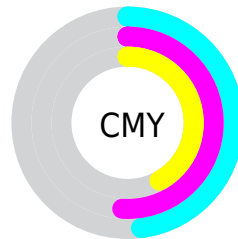


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (42%)



Cyan (48%)


Magenta (51%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 13.017, 303.341 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, 13.017, 303.341 by changing the saturation by 10% instead.


 54, 13.017,
303.341


 54, 13.017,
303.341


 100, 13.017,
303.341


 44, 13.017,
303.341


 74, 13.017,
303.341

 34, 13.017,
303.341

 84, 13.017,
303.341

 24, 13.017,
303.341

 94, 13.017,
303.341

 14, 13.017,
303.341

 4, 13.017, 303.341

 0, 13.017, 303.341

54, 13.017,
303.341

54, 13.017,
303.341

49, 22.131,
304.014

59, 4.200, 302.734

44, 31.531,
304.764

64, 4.317, 122.230

39, 41.163,
305.579

69, 12.546,
121.765

35, 50.912,
306.433

73, 20.500,
121.366

30, 60.541,
307.277

78, 28.194,
121.020

26, 69.626,
308.020

83, 35.644,
120.723

23, 77.490,
308.531

88, 42.864,
120.467

20, 83.324,

92, 49.869,
120.247

308.658

■ 96, 54.675,
119.103

■ 19, 86.015,
308.736

Harmonies

Complementary

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



54, 13.017, 303.341



60, 12.667, 121.676

Rectangle

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



54, 13.017, 303.341



54, 13.017, 353.341



54, 13.017, 123.341



54, 13.017, 173.341

Sweetspot

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



54, 13.016, 303.339



75, 4.244, 302.688



58, 6.773, 234.949



39, 3.043, 302.729



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 13.016, 303.339



67, 19.542, 303.566



55, 14.453, 319.946



29, 4.898, 302.989



17, 81.630, 308.798



0, 4.222, 302.478

Inverse Universe

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



55, 12.211, 336.026



68, 18.263, 336.283



59, 14.357, 138.614



29, 4.620, 335.612



30, 57.991, 345.674



1, 4.010, 335.024

Previews

White Background



This preview shows how the CIELCh color 54, 13.017, 303.341 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 CIELCh color 54, 13.017, 303.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

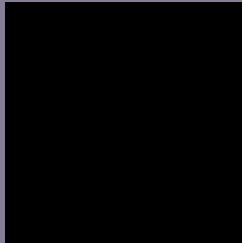
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 13.017, 303.341

Background



This preview shows how black text looks on a background with the CIELCh color 54, 13.017, 303.341.



This preview shows how white text looks on a background with the CIELCh color 54, 13.017, 303.341.

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, 13.017, 303.341

Protanopia

54, 12.143, 286.430

Deuteranopia

54, 13.017, 303.341



Tritanopia
54, 5.903, 302.205

Trichromacy



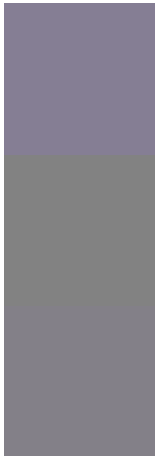
Original Color
54, 13.017, 303.341

Protanomaly
54, 12.717, 293.393

Deuteranomaly
54, 13.017, 303.341

Tritanomaly
54, 8.897, 303.621

Monochromacy



Original Color
54, 13.017, 303.341

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.779, 304.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 13.017, 303.341 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, 126, 148)` looks like.

```
.text, #text, p{  
    color:rgb(133, 126, 148)  
}
```

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, 126, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 126, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 13.017, 303.341 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, 126, 148) }
```

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

```
.border{ border-color:rgb(133, 126, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 126, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 126, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 126, 148);  
box-shadow:4px 4px 4px 4px rgb(133, 126,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 13.017, 303.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 126, 148) }
```

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

```
.background{ background-color: rgb(133,  
126, 148) }
```

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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