

Converting Colors

CIELCh(54, 12.542, 305.544)

Have a look what the booklet for
CIELCh(54, 12.542, 305.544)
contains.

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Color

CIELCh(54, 12.542, 305.544)

Conversions

Conversions Part 1

Format	Color
Hex	867E93
RGB	134, 126, 147
RGB Percent	53%, 49%, 58%
CMY	0.4758, 0.5072, 0.4249
CMYK	0.09, 0.14, 0.00, 0.42
HSL	263°, 9%, 53%
HSV	263°, 14%, 58%
XYZ	22.4372, 21.9746, 30.5236
YIQ	130.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

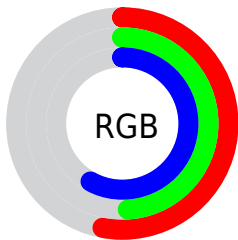
Format	Color
RYB	134, 126, 147
Decimal	8814227
CIELab	54.00, 7.29, -10.21
CIELCh	54, 12.542, 305.544
Yxy	21.9746, 0.2994, 0.2932
Android (android.graphics.Color)	4287004307 (0xFF867E93)
YUV	130.7860, 7.9935, 2.8187
Hunter-Lab	46.8770, 3.4022, -5.7923

Details

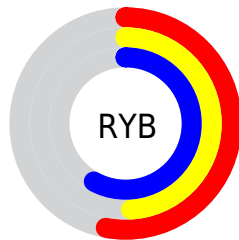
The CIELCh color $54, 12.542, 305.544$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 12.244, 124.101$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.307, 304.752$, and $34, 12.313, 305.374$ is the 20% darker color. If you saturate the color by 10%, you get $49, 21.639, 306.138$, and if you desaturate by 10%, it is $59, 3.721, 304.998$.

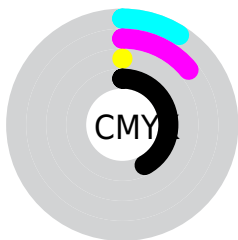
Distribution



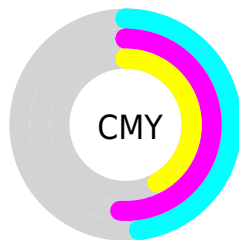
- Red (53%)
- Green (49%)
- Blue (58%)



- Red (53%)
- Yellow (49%)
- Blue (58%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)





- Cyan (48%)
- Magenta (51%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 12.542, 305.544 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, 12.542, 305.544 by changing the saturation by 10% instead.

 54, 12.542,
305.544

 54, 12.542,
305.544


 100, 12.542,
305.544


 44, 12.542,
305.544


 74, 12.542,
305.544

 34, 12.542,
305.544

 84, 12.542,
305.544

 24, 12.542,
305.544

 94, 12.542,
305.544

 14, 12.542,
305.544

 4, 12.542, 305.544

 0, 12.542, 305.544

54, 12.542,
305.544

54, 12.542,
305.544

49, 21.639,
306.138

59, 3.721, 304.998

45, 30.991,
306.790

64, 4.813, 124.554

40, 40.534,
307.486

68, 13.070,
124.131

35, 50.139,
308.198

73, 21.058,
123.766

31, 59.565,
308.878

78, 28.791,
123.450

27, 68.397,
309.445

82, 36.284,
123.177

24, 76.012,
309.780

87, 43.550,
122.941

21, 81.671,

91, 50.603,
122.739

309.750

■ 95, 56.033,
121.995

■ 20, 84.518,
309.725

Harmonies

Complementary

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



54, 12.542, 305.544



60, 12.244, 124.101

Rectangle

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



54, 12.542, 305.544



54, 12.542, 355.544



54, 12.542, 125.544



54, 12.542, 175.544

Sweetspot

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



54, 12.540, 305.542



75, 4.287, 304.985



57, 6.543, 241.354



39, 3.073, 305.023



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, 12.540, 305.542



67, 18.586, 305.717



55, 14.003, 321.406



29, 4.945, 305.260



18, 80.670, 309.785



0, 4.266, 304.801

Inverse Universe

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



55, 11.162, 338.774



69, 16.501, 339.016



59, 13.935, 140.064



29, 4.418, 338.373



30, 56.012, 350.520



1, 3.831, 337.748

Previews

White Background



This preview shows how the CIELCh color 54, 12.542, 305.544 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, 12.542, 305.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

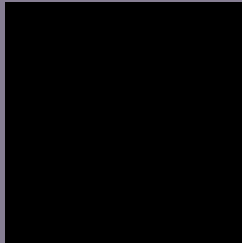
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 12.542, 305.544

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.542, 305.544.



This preview shows how white text looks on a background with the CIELCh color 54, 12.542, 305.544.

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, 12.542, 305.544

Protanopia

54, 11.548, 287.905

Deuteranopia

54, 12.454, 303.848



Tritanopia
54, 6.119, 309.366

Trichromacy



Original Color
54, 12.542, 305.544

Protanomaly
54, 12.163, 295.163

Deuteranomaly
54, 12.454, 303.848

Tritanomaly
54, 8.436, 306.995

Monochromacy



Original Color
54, 12.542, 305.544

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, 12.542, 305.544 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(134, 126, 147)` looks like.

```
.text, #text, p{  
    color:rgb(134, 126, 147)  
}
```

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(134, 126, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 126, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.542, 305.544 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(134, 126, 147) }
```

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

```
.border{ border-color:rgb(134, 126, 147) }
```

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

Here you see how a box with a 4 pixel rgb(134, 126, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 126, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 126, 147);  
box-shadow:4px 4px 4px 4px rgb(134, 126,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.542, 305.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 126, 147) }
```

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

```
.background{ background-color: rgb(134,  
126, 147) }
```

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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