

Converting Colors

CIELCh(54, 10.536, 305.951)

Have a look what the booklet for
CIELCh(54, 10.536, 305.951)
contains.

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Color

CIELCh(54, 10.774, 305.725)

Conversions

Conversions Part 1

Format	Color
Hex	857E90
RGB	133, 126, 144
RGB Percent	52%, 49%, 56%
CMY	0.4779, 0.5053, 0.4347
CMYK	0.08, 0.12, 0.00, 0.43
HSL	263°, 8%, 53%
HSV	263°, 12%, 57%
XYZ	22.2200, 21.9746, 29.5147
YIQ	130.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

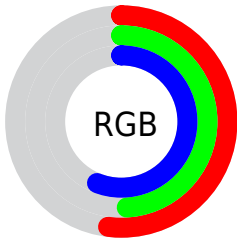
Format	Color
RYB	133, 126, 144
Decimal	8748688
CIELab	54.00, 6.29, -8.75
CIELCh	54, 10.774, 305.725
Yxy	21.9746, 0.3015, 0.2981
Android (android.graphics.Color)	4286938768 (0xFF857E90)
YUV	130.1450, 6.8305, 2.5038
Hunter-Lab	46.8770, 2.5753, -4.5162

Details

The CIELCh color $54, 10.774, 305.725$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.552, 124.494$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 10.644, 304.846$, and $34, 11.003, 304.727$ is the 20% darker color. If you saturate the color by 10%, you get $49, 19.702, 306.299$, and if you desaturate by 10%, it is $59, 2.118, 305.184$.

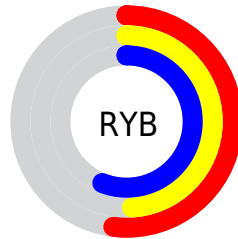
Distribution



Red (52%)

Green (49%)

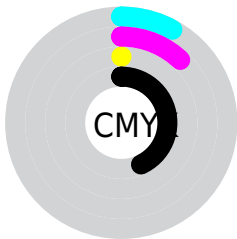
Blue (56%)



Red (52%)

Yellow (49%)

Blue (56%)

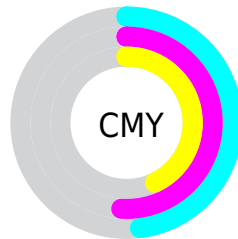


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (43%)



Cyan (48%)


Magenta (51%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 10.774, 305.725 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, 10.774, 305.725 by changing the saturation by 10% instead.


 54, 10.774,
305.725


 54, 10.774,
305.725


 100, 10.774,
305.725


 44, 10.774,
305.725


 74, 10.774,
305.725

 34, 10.774,
305.725

 84, 10.774,
305.725

 24, 10.774,
305.725

 94, 10.774,
305.725

 14, 10.774,
305.725

 4, 10.774, 305.725

 0, 10.774, 305.725

■ 54, 10.774,
305.725

■ 54, 10.774,
305.725

■ 49, 19.702,
306.299

■ 59, 2.118, 305.184

■ 45, 28.884,
306.930

■ 63, 6.259, 124.768

■ 40, 38.264,
307.605

■ 68, 14.364,
124.362

■ 36, 47.729,
308.301

■ 73, 22.207,
124.010

■ 31, 57.063,
308.972

■ 77, 29.803,
123.705

■ 27, 65.895,
309.547

■ 82, 37.164,
123.441

■ 24, 73.656,
309.916

■ 86, 44.304,
123.214

■ 21, 79.615,

■ 91, 51.237,
123.019

309.942

■ 95, 57.507,
122.673

■ 19, 83.311,
309.880

Harmonies

Complementary

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



54, 10.774, 305.725



59, 10.552, 124.494

Rectangle

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



54, 10.774, 305.725



54, 10.774, 355.725



54, 10.774, 125.725



54, 10.774, 175.725

Sweetspot

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



54, 10.772, 305.723



73, 4.199, 305.274



57, 5.678, 243.257



38, 3.010, 305.311



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 10.772, 305.723



67, 16.011, 305.880



55, 12.092, 321.806



28, 4.808, 305.543



18, 79.441, 309.943



0, 3.204, 305.093

Inverse Universe

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



55, 9.537, 339.001



68, 14.143, 339.225



58, 12.043, 140.631



28, 4.266, 338.739



29, 55.061, 351.115



1, 2.857, 338.112

Previews

White Background



This preview shows how the CIELCh color 54, 10.774, 305.725 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, 10.774, 305.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

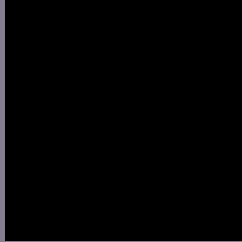
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 10.774, 305.725

Background



This preview shows how black text looks on a background with the CIELCh color 54, 10.774, 305.725.



This preview shows how white text looks on a background with the CIELCh color 54, 10.774, 305.725.

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, 10.774, 305.725

Protanopia

54, 9.810, 289.187

Deuteranopia

54, 10.991, 309.610



Tritanopia
54, 6.119, 309.366

Trichromacy



Original Color
54, 10.774, 305.725

Protanomaly
54, 10.437, 295.581

Deuteranomaly
54, 10.876, 307.684

Tritanomaly
54, 7.777, 305.397

Monochromacy



Original Color
54, 10.774, 305.725

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 3.559, 303.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 10.774, 305.725 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(133, 126, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 126, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 10.774, 305.725 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, 144) }
```

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

```
.border{ border-color:rgb(133, 126, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(133, 126,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 10.774, 305.725 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, 144) }
```

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

```
.background{ background-color: rgb(133,  
126, 144) }
```

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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