

Converting Colors

CIELCh(54, 10.672, 310.795)

Have a look what the booklet for
CIELCh(54, 10.672, 310.795)
contains.

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Color

CIELCh(54, 10.447, 310.587)

Conversions

Conversions Part 1

Format	Color
Hex	877E8F
RGB	135, 126, 143
RGB Percent	53%, 49%, 56%
CMY	0.4715, 0.5067, 0.4401
CMYK	0.06, 0.12, 0.00, 0.44
HSL	272°, 7%, 53%
HSV	272°, 12%, 56%
XYZ	22.3297, 21.9746, 28.9620
YIQ	130.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

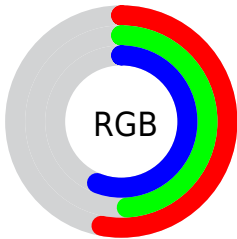
Format	Color
R_{YB}	135, 126, 143
Decimal	8879759
CIE _{Lab}	54.00, 6.80, -7.93
CIE _{LCh}	54, 10.447, 310.587
Yxy	21.9746, 0.3048, 0.2999
Android (android.graphics.Color)	4287069839 (0xFF877E8F)
YUV	130.6290, 6.0989, 3.8334
Hunter-Lab	46.8770, 2.9929, -3.8172

Details

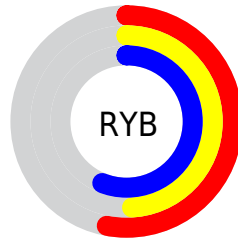
The CIELCh color $54, 10.447, 310.587$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 10.288, 129.593$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 10.329, 309.463$, and $34, 10.618, 309.797$ is the 20% darker color. If you saturate the color by 10%, you get $50, 19.469, 311.054$, and if you desaturate by 10%, it is $58, 1.651, 310.104$.

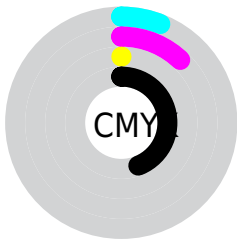
Distribution



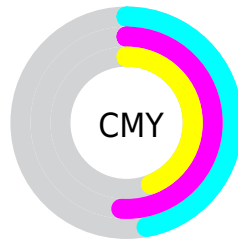
- Red (53%)
- Green (49%)
- Blue (56%)



- Red (53%)
- Yellow (49%)
- Blue (56%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 10.447, 310.587 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, 10.447, 310.587 by changing the saturation by 10% instead.

■ 54, 10.447,
310.587

■ 54, 10.447,
310.587

■ 100, 10.447,
310.587

■ 44, 10.447,
310.587

■ 74, 10.447,
310.587

■ 34, 10.447,
310.587

■ 84, 10.447,
310.587

■ 24, 10.447,
310.587

■ 94, 10.447,
310.587

■ 14, 10.447,
310.587

■ 4, 10.447, 310.587

■ 0, 10.447, 310.587

■ 54, 10.447,
310.587

■ 54, 10.447,
310.587

■ 50, 19.469,
311.054

■ 58, 1.651, 310.104

■ 45, 28.676,
311.546

■ 63, 6.894, 129.788

■ 41, 37.983,
312.047

■ 67, 15.185,
129.428

■ 37, 47.240,
312.529

■ 72, 23.226,
129.112

■ 33, 56.199,
312.950

■ 76, 31.024,
128.834

■ 29, 64.483,
313.247

■ 81, 38.591,
128.589


■ 26, 71.581,
313.334


■ 85, 45.937,
128.376

■ 24, 76.914,

■ 89, 53.076,
128.191

313.112

 94, 60.019,
128.031

 22, 80.346,
312.819

Harmonies

Complementary

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



54, 10.447, 310.587



58, 10.288, 129.593

Rectangle

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



54, 10.447, 310.587



54, 10.447, 0.587



54, 10.447, 130.587



54, 10.447, 180.587

Sweetspot

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



54, 10.445, 310.585



73, 4.317, 310.227



56, 5.853, 258.795



38, 3.095, 310.261



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, 10.445, 310.585



68, 15.305, 310.695



55, 11.705, 325.506



28, 4.938, 310.462



20, 77.166, 312.876



0, 3.297, 310.084

Inverse Universe

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



54, 8.194, 346.225



68, 12.002, 346.449



58, 11.689, 144.209



28, 3.875, 345.973



28, 52.763, 3.524



1, 2.587, 345.258

Previews

White Background



This preview shows how the CIELCh color 54, 10.447, 310.587 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, 10.447, 310.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

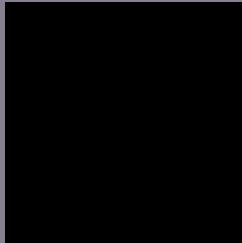
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

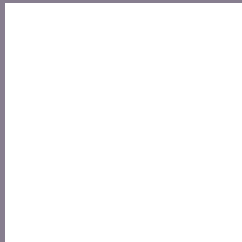
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 10.447, 310.587

Background



This preview shows how black text looks on a background with the CIELCh color 54, 10.447, 310.587.



This preview shows how white text looks on a background with the CIELCh color 54, 10.447, 310.587.

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, 10.447, 310.587

Protanopia

54, 9.234, 288.974

Deuteranopia

54, 10.447, 310.587



Tritanopia
54, 6.414, 316.006

Trichromacy



Original Color
54, 10.447, 310.587

Protanomaly
54, 9.902, 297.952

Deuteranomaly
54, 10.447, 310.587

Tritanomaly
54, 7.470, 312.262

Monochromacy



Original Color
54, 10.447, 310.587

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.351, 311.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 10.447, 310.587 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(135, 126, 143)` looks like.

```
.text, #text, p{  
    color:rgb(135, 126, 143)  
}
```

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(135, 126, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 126, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 10.447, 310.587 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(135, 126, 143) }
```

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

```
.border{ border-color:rgb(135, 126, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 126, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 126, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 126, 143);  
box-shadow:4px 4px 4px 4px rgb(135, 126,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 10.447, 310.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 126, 143) }
```

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

```
.background{ background-color: rgb(135,  
126, 143) }
```

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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