

Converting Colors

CIELCh(54, 12.939, 278.737)

Have a look what the booklet for
CIELCh(54, 12.939, 278.737)
contains.

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Color

CIELCh(54, 12.939, 278.737)

Conversions

Conversions Part 1

Format	Color
Hex	798197
RGB	121, 129, 151
RGB Percent	47%, 51%, 59%
CMY	0.5258, 0.4944, 0.4081
CMYK	0.20, 0.15, 0.00, 0.41
HSL	224°, 13%, 53%
HSV	224°, 20%, 59%
XYZ	21.2970, 21.9746, 32.3671
YIQ	129.1160, -11.8300, 5.1460

Conversions

Conversions Part 2

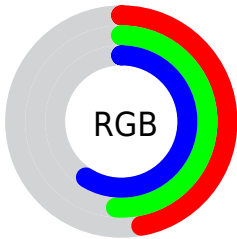
Format	Color
R_{YB}	121, 127, 151
Decimal	7963031
CIE _{Lab}	54.00, 1.97, -12.79
CIE _{LCh}	54, 12.939, 278.737
Yxy	21.9746, 0.2816, 0.2905
Android (android.graphics.Color)	4286153111 (0xFF798197)
YUV	129.1160, 10.7888, -7.1177
Hunter-Lab	46.8770, -0.9394, -8.1240

Details

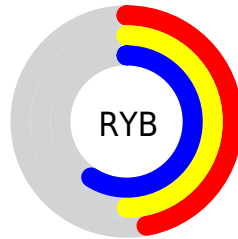
The CIELCh color `54, 12.939, 278.737` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `60, 12.811, 93.730`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 12.698, 278.668`, and `34, 12.810, 278.559` is the 20% darker color. If you saturate the color by 10%, you get `50, 19.674, 280.383`, and if you desaturate by 10%, it is `58, 6.359, 277.325`.

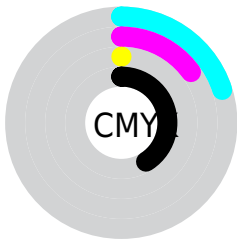
Distribution



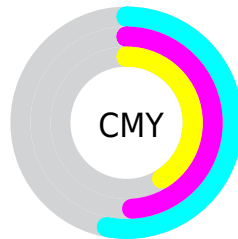
- Red (47%)
- Green (51%)
- Blue (59%)



- Red (47%)
- Yellow (50%)
- Blue (59%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)





- Cyan (53%)
- Magenta (49%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 12.939, 278.737 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, 12.939, 278.737 by changing the saturation by 10% instead.


 54, 12.939,
278.737


 54, 12.939,
278.737


 100, 12.939,
278.737


 44, 12.939,
278.737


 74, 12.939,
278.737

 34, 12.939,
278.737

 84, 12.939,
278.737

 24, 12.939,
278.737

 94, 12.939,
278.737

 14, 12.939,
278.737

 4, 12.939, 278.737

 0, 12.939, 278.737

■ 54, 12.939,
278.737

■ 54, 12.939,
278.737

■ 50, 19.674,
280.383

■ 58, 6.359, 277.325

■ 46, 26.580,
282.306

■ 62, 0.072, 93.864

■ 41, 33.678,
284.537

■ 67, 6.363, 94.989

■ 37, 40.989,
287.095

■ 71, 12.517, 94.078

■ 33, 48.530,
289.971

■ 75, 18.538, 93.273

■ 29, 56.274,
293.098

■ 79, 24.431, 92.561

■ 26, 64.096,
296.337

■ 83, 30.197, 91.930

■ 23, 71.726,

■ 87, 35.841, 91.366

■ 91, 41.155, 91.822

299.358

■ 23, 71.820,
299.392

Harmonies

Complementary

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



54, 12.939, 278.737



60, 12.811, 93.730

Rectangle

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



54, 12.939, 278.737



54, 12.939, 328.737



54, 12.939, 98.737



54, 12.939, 148.737

Sweetspot

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



54, 12.938, 278.734



76, 4.771, 276.860



60, 12.327, 175.314



40, 3.191, 276.929



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 12.938, 278.734



67, 19.462, 279.462



52, 17.646, 300.075



30, 3.678, 277.243



21, 67.633, 299.178



1, 3.959, 276.402

Inverse Universe

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



54, 12.995, 0.269



66, 19.615, 0.827



61, 16.939, 117.350



30, 3.654, 359.097



29, 56.686, 22.648



1, 3.865, 358.625

Previews

White Background



This preview shows how the CIELCh color 54, 12.939, 278.737 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, 12.939, 278.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

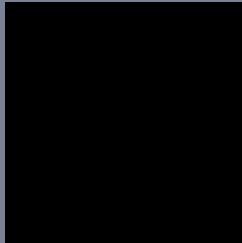
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

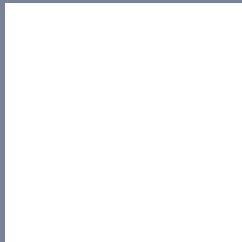
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 12.939, 278.737

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.939, 278.737.

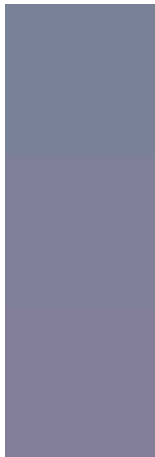


This preview shows how white text looks on a background with the CIELCh color 54, 12.939, 278.737.

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, 12.939, 278.737

Protanopia

54, 12.716, 286.751

Deuteranopia

54, 15.165, 298.972



Tritanopia
54, 7.215, 252.353

Trichromacy



Original Color
54, 12.939, 278.737

Protanomaly
54, 12.746, 285.118

Deuteranomaly
54, 14.435, 291.930

Tritanomaly
54, 9.316, 267.817

Monochromacy



Original Color
54, 12.939, 278.737

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.736, 276.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 12.939, 278.737 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(121, 129, 151)` looks like.

```
.text, #text, p{  
    color:rgb(121, 129, 151)  
}
```

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(121, 129, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 129, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.939, 278.737 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(121, 129, 151) }
```

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

```
.border{ border-color:rgb(121, 129, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 129, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 129, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 129, 151);  
box-shadow:4px 4px 4px 4px rgb(121, 129,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.939, 278.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 129, 151) }
```

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

```
.background{ background-color: rgb(121,  
129, 151) }
```

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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