

Converting Colors

CIELCh(54, 12.267, 284.581)

Have a look what the booklet for
CIELCh(54, 12.267, 284.581)
contains.

CIELCh(54, 12.174, 284.714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 12.174, 284.714)

Conversions

Conversions Part 1

Format	Color
Hex	7C8095
RGB	124, 128, 149
RGB Percent	49%, 50%, 58%
CMY	0.5129, 0.4972, 0.4148
CMYK	0.17, 0.14, 0.00, 0.41
HSL	230°, 11%, 54%
HSV	230°, 17%, 59%
XYZ	21.5349, 21.9746, 31.6350
YIQ	129.1980, -9.1250, 5.6830

Conversions

Conversions Part 2

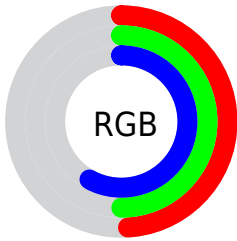
Format	Color
R_{YB}	124, 127, 149
Decimal	8159381
CIE Lab	54.00, 3.09, -11.77
CIE LCh	54, 12.174, 284.714
Yxy	21.9746, 0.2866, 0.2924
Android (android.graphics.Color)	4286349461 (0xFF7C8095)
YUV	129.1980, 9.7624, -4.5586
Hunter-Lab	46.8770, -0.0335, -7.1980

Details

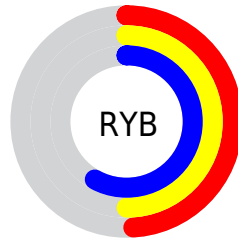
The CIELCh color $54, 12.174, 284.714$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 11.898, 100.889$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 11.972, 284.564$, and $34, 11.988, 284.767$ is the 20% darker color. If you saturate the color by 10%, you get $49, 19.750, 286.169$, and if you desaturate by 10%, it is $59, 4.837, 283.470$.

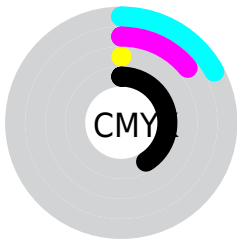
Distribution



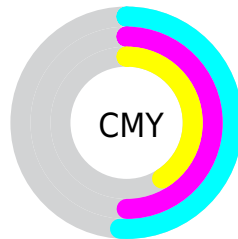
- Red (49%)
- Green (50%)
- Blue (58%)



- Red (49%)
- Yellow (50%)
- Blue (58%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (41%)





- Cyan (51%)
- Magenta (50%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 12.174, 284.714 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, 12.174, 284.714 by changing the saturation by 10% instead.


 54, 12.174,
284.714


 54, 12.174,
284.714


 100, 12.174,
284.714


 44, 12.174,
284.714


 74, 12.174,
284.714


 34, 12.174,
284.714

 84, 12.174,
284.714

 24, 12.174,
284.714

 94, 12.174,
284.714

 14, 12.174,
284.714

 4, 12.174, 284.714

 0, 12.174, 284.714

■ 54, 12.174,
284.714

■ 54, 12.174,
284.714

■ 49, 19.750,
286.169

■ 59, 4.837, 283.470

■ 45, 27.589,
287.871

■ 63, 2.276, 102.322

■ 68, 9.180, 101.427

■ 40, 35.713,
289.847

■ 72, 15.888,
100.624

■ 35, 44.136,
292.109

■ 77, 22.409, 99.920

■ 31, 52.838,
294.641

■ 81, 28.754, 99.302

■ 86, 34.929, 98.756

■ 27, 61.702,
297.360

■ 90, 40.945, 98.271

■ 23, 70.406,
300.101

■ 94, 46.596, 99.571

■ 20, 78.323,

302.587

■ 19, 80.613,
303.240

Harmonies

Complementary

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



54, 12.174, 284.714



60, 11.898, 100.889

Rectangle

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



54, 12.174, 284.714



54, 12.174, 334.714



54, 12.174, 104.714



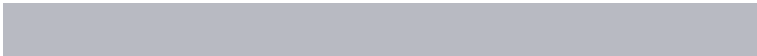
54, 12.174, 154.714

Sweetspot

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



54, 12.173, 284.711



75, 4.421, 283.288



60, 9.710, 184.446



39, 3.009, 283.357



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, 12.173, 284.711



67, 18.083, 285.216



54, 14.850, 304.003



29, 4.028, 283.753



17, 75.587, 303.068



1, 3.479, 282.704

Inverse Universe

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



54, 10.416, 7.880



68, 15.537, 8.294



60, 14.411, 122.160



29, 3.413, 7.083



28, 59.561, 30.929



1, 2.912, 6.344

Previews

White Background



This preview shows how the CIELCh color 54, 12.174, 284.714 looks on a white background.

Color Contrast Check

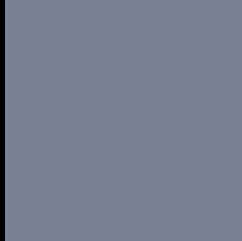
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.174, 284.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

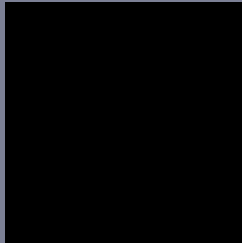
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

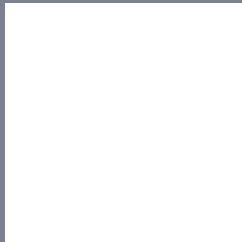
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 12.174, 284.714

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.174, 284.714.



This preview shows how white text looks on a background with the CIELCh color 54, 12.174, 284.714.

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, 12.174, 284.714

Protanopia

54, 12.143, 286.430

Deuteranopia

54, 14.080, 300.967



Tritanopia
54, 6.290, 265.970

Trichromacy



Original Color
54, 12.174, 284.714

Protanomaly
54, 12.143, 286.430

Deuteranomaly
54, 13.313, 294.974

Tritanomaly
54, 8.333, 275.515

Monochromacy



Original Color
54, 12.174, 284.714

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.099, 279.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 12.174, 284.714 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(124, 128, 149)` looks like.

```
.text, #text, p{  
    color:rgb(124, 128, 149)  
}
```

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(124, 128, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 128, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.174, 284.714 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(124, 128, 149) }
```

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

```
.border{ border-color:rgb(124, 128, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 128, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 128, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 128, 149);  
box-shadow:4px 4px 4px 4px rgb(124, 128,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.174, 284.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 128, 149) }
```

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

```
.background{ background-color: rgb(124,  
128, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor