

Converting Colors

CIELCh(54, 25.299, 159.872)

Have a look what the booklet for
CIELCh(54, 25.299, 159.872)
contains.

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Color

CIELCh(54, 25.597, 159.614)

Conversions

Conversions Part 1

Format	Color
Hex	578C71
RGB	87, 140, 113
RGB Percent	34%, 55%, 44%
CMY	0.6588, 0.4510, 0.5569
CMYK	0.38, 0.00, 0.19, 0.45
HSL	149°, 23%, 45%
HSV	149°, 38%, 55%
XYZ	16.2892, 21.9746, 19.0056
YIQ	121.0750, -22.9210, -19.6330

Conversions

Conversions Part 2

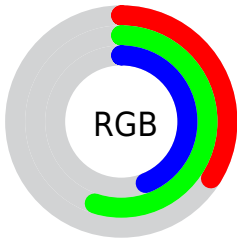
Format	Color
R_{YB}	87, 123, 140
Decimal	5737585
CIE _{Lab}	54.00, -23.99, 8.92
CIE _{LCh}	54, 25.597, 159.614
Yxy	21.9746, 0.2844, 0.3837
Android (android.graphics.Color)	4283927665 (0xFF578C71)
YUV	121.0750, -3.9810, -29.8838
Hunter-Lab	46.8770, -20.0084, 8.7756

Details

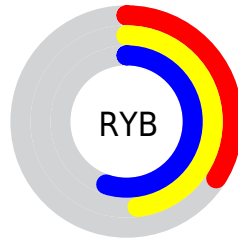
The CIELCh color $54, 25.597, 159.614$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 26.694, 346.672$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 25.565, 159.668$, and $34, 26.016, 159.241$ is the 20% darker color. If you saturate the color by 10%, you get $53, 31.918, 158.390$, and if you desaturate by 10%, it is $55, 18.999, 160.700$.

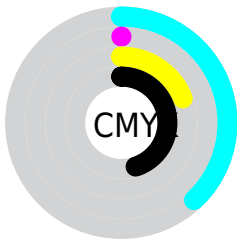
Distribution



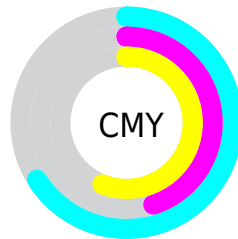
- Red (34%)
- Green (55%)
- Blue (44%)



- Red (34%)
- Yellow (48%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (66%)
- Magenta (45%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 25.597, 159.614 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, 25.597, 159.614 by changing the saturation by 10% instead.


 54, 25.597,
159.614

 54, 25.597,
159.614


 100, 25.597,
159.614

 44, 25.597,
159.614


 74, 25.597,
159.614

 34, 25.597,
159.614

 84, 25.597,
159.614

 24, 25.597,
159.614

 94, 25.597,
159.614

 14, 25.597,
159.614

 4, 25.597, 159.614

 0, 25.597, 159.614

■ 54, 25.597,
159.614

■ 54, 25.597,
159.614

■ 53, 31.918,
158.390

■ 55, 18.999,
160.700

■ 52, 37.849,
157.009

■ 56, 12.229,
161.676

■ 52, 43.288,
155.447

■ 57, 5.379, 162.577

■ 51, 48.155,
153.689

■ 59, 1.469, 343.096

■ 60, 8.256, 343.987

■ 51, 52.406,
151.732

■ 61, 14.933,
344.664

■ 51, 56.119,
149.652

■ 63, 21.468,
345.281

■ 51, 56.895,
149.234

■ 65, 27.839,
345.854

■ 67, 34.033,
346.388

Harmonies

Complementary

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



54, 25.597, 159.614



44, 26.694, 346.672

Rectangle

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



54, 25.597, 159.614



54, 25.597, 209.614



54, 25.597, 339.614



54, 25.597, 29.614

Sweetspot

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



54, 25.598, 159.613



72, 9.295, 162.276



55, 31.686, 126.751



38, 6.295, 162.171



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 25.598, 159.613



68, 37.133, 158.635



55, 18.493, 196.043



29, 3.812, 162.462



48, 54.554, 149.361



1, 1.771, 163.151

Inverse Universe

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



44, 26.694, 346.672



53, 38.966, 347.669



43, 23.720, 21.562



27, 3.857, 343.828



28, 52.382, 359.859



0, 1.771, 343.141

Previews

White Background



This preview shows how the CIE LCh color 54, 25.597, 159.614 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, 25.597, 159.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

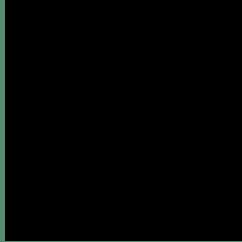
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 25.597, 159.614

Background



This preview shows how black text looks on a background with the CIELCh color 54, 25.597, 159.614.



This preview shows how white text looks on a background with the CIELCh color 54, 25.597, 159.614.

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, 25.597, 159.614

Protanopia
54, 12.521, 92.921

Deuteranopia
54, 9.961, 47.543



Tritanopia
54, 15.050, 223.318

Trichromacy



Original Color
54, 25.597, 159.614

Protanomaly
53, 14.432, 132.049

Deuteranomaly
53, 8.977, 124.962

Tritanomaly
54, 16.340, 191.677

Monochromacy



Original Color
54, 25.597, 159.614

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 9.568, 161.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 25.597, 159.614 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(87, 140, 113)` looks like.

```
.text, #text, p{  
    color:rgb(87, 140, 113)  
}
```

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(87, 140, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 140, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 25.597, 159.614 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(87, 140, 113) }
```

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

```
.border{ border-color:rgb(87, 140, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 140, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 140, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 140, 113);  
box-shadow:4px 4px 4px 4px rgb(87, 140,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 25.597, 159.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 140, 113) }
```

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

```
.background{ background-color: rgb(87, 140,  
113) }
```

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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