

Converting Colors

CIELCh(54, 25.101, 200.411)

Have a look what the booklet for
CIELCh(54, 25.101, 200.411)
contains.

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Color

CIELCh(54, 25.231, 199.688)

Conversions

Conversions Part 1

Format	Color
Hex	3C8D8F
RGB	60, 141, 143
RGB Percent	24%, 55%, 56%
CMY	0.7649, 0.4473, 0.4394
CMYK	0.58, 0.01, 0.00, 0.44
HSL	181°, 41%, 40%
HSV	181°, 58%, 56%
XYZ	16.3310, 21.9746, 29.3465
YIQ	117.0090, -48.9180, -16.5500

Conversions

Conversions Part 2

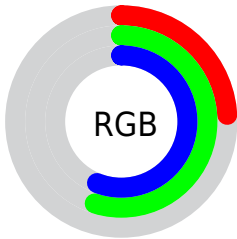
Format	Color
RYB	60, 101, 143
Decimal	3968399
CIELab	54.00, -23.76, -8.50
CIELCh	54, 25.231, 199.688
Yxy	21.9746, 0.2414, 0.3248
Android (android.graphics.Color)	4282158479 (0xFF3C8D8F)
YUV	117.0090, 12.8136, -49.9969
Hunter-Lab	46.8770, -19.8490, -4.3035

Details

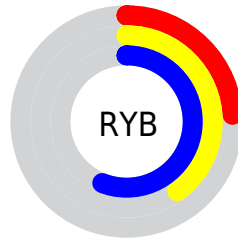
The CIELCh color **54, 25.231, 199.688** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 38.700, 27.952**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 25.241, 200.013**, and **34, 22.994, 201.240** is the 20% darker color. If you saturate the color by 10%, you get **53, 27.736, 199.641**, and if you desaturate by 10%, it is **55, 22.080, 199.826**.

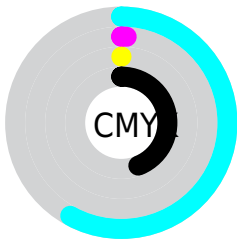
Distribution



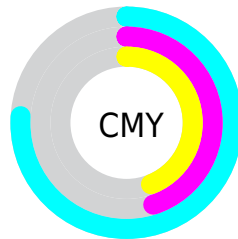
- Red (24%)
- Green (55%)
- Blue (56%)



- Red (24%)
- Yellow (40%)
- Blue (56%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (76%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 25.231, 199.688 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, 25.231, 199.688 by changing the saturation by 10% instead.

 54, 25.231,
199.688

 54, 25.231,
199.688


 100, 25.231,
199.688

 44, 25.231,
199.688


 74, 25.231,
199.688

 34, 25.231,
199.688

 84, 25.231,
199.688

 24, 25.231,
199.688

 94, 25.231,
199.688

 14, 25.231,
199.688

 4, 25.231, 199.688

 0, 25.231, 199.688

■ 54, 25.231,
199.688

■ 54, 25.231,
199.688

■ 53, 27.736,
199.641

■ 55, 22.080,
199.826

■ 53, 29.571,
199.695

■ 55, 18.336,
200.051

■ 53, 30.749,
199.852

■ 56, 14.069,
200.353

■ 53, 31.398,
200.097

■ 57, 9.360, 200.728

■ 53, 31.511,
200.146

■ 58, 4.293, 201.197

■ 60, 1.054, 21.144

■ 61, 6.609, 21.980

■ 62, 12.311, 22.529

■ 64, 18.107, 23.076

Harmonies

Complementary

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



54, 25.231, 199.688



37, 38.700, 27.952

Rectangle

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



54, 25.231, 199.688



54, 25.231, 249.688



54, 25.231, 19.688



54, 25.231, 69.688

Sweetspot

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



54, 25.231, 199.686



73, 10.949, 200.758



53, 55.332, 140.043



38, 7.343, 200.685



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, 25.231, 199.686



68, 34.544, 199.648



41, 27.896, 268.640



30, 2.995, 201.136



50, 30.257, 200.126



2, 2.070, 201.479

Inverse Universe

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



40, 54.546, 328.033



48, 77.439, 328.533



47, 32.264, 69.945



28, 5.518, 325.558



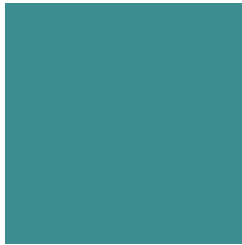
31, 70.791, 329.187



1, 3.706, 325.085

Previews

White Background



This preview shows how the CIE LCh color 54, 25.231, 199.688 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, 25.231, 199.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

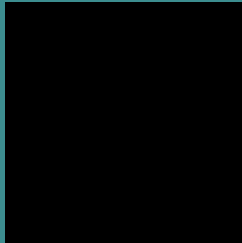
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

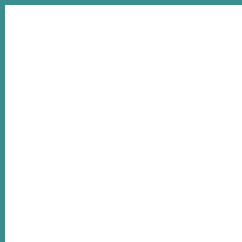
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 25.231, 199.688

Background



This preview shows how black text looks on a background with the CIELCh color 54, 25.231, 199.688.

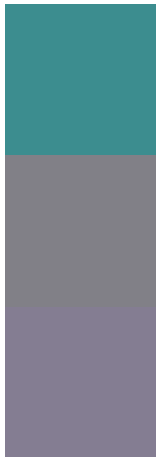


This preview shows how white text looks on a background with the CIELCh color 54, 25.231, 199.688.

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, 25.231, 199.688

Protanopia
54, 4.067, 296.166

Deuteranopia
54, 12.472, 303.853



Tritanopia
54, 24.092, 212.729

Trichromacy



Original Color
54, 25.231, 199.688

Protanomaly
54, 10.910, 213.858

Deuteranomaly
53, 11.862, 242.002

Tritanomaly
54, 24.265, 208.297

Monochromacy



Original Color
54, 25.231, 199.688

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 11.211, 198.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 25.231, 199.688 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(60, 141, 143)` looks like.

```
.text, #text, p{  
    color:rgb(60, 141, 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(60, 141, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 141, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 25.231, 199.688 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(60, 141, 143) }
```

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

```
.border{ border-color:rgb(60, 141, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 141, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 141, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 141, 143);  
box-shadow:4px 4px 4px 4px rgb(60, 141,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 25.231, 199.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 141, 143) }
```

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

```
.background{ background-color: rgb(60, 141,  
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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