

Converting Colors

CIELCh(54, 25.606, 194.928)

Have a look what the booklet for
CIELCh(54, 25.606, 194.928)
contains.

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Color

CIELCh(54, 25.574, 195.673)

Conversions

Conversions Part 1

Format	Color
Hex	3C8D8C
RGB	60, 141, 140
RGB Percent	24%, 55%, 55%
CMY	0.7638, 0.4463, 0.4502
CMYK	0.57, 0.00, 0.01, 0.45
HSL	179°, 40%, 39%
HSV	179°, 57%, 55%
XYZ	16.1787, 21.9746, 28.2752
YIQ	116.6670, -47.9550, -17.4830

Conversions

Conversions Part 2

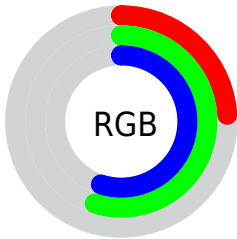
Format	Color
R_{YB}	60, 101, 141
Decimal	3968396
CIE _{Lab}	54.00, -24.62, -6.91
CIE _{LCh}	54, 25.574, 195.673
Yxy	21.9746, 0.2436, 0.3308
Android (android.graphics.Color)	4282158476 (0xFF3C8D8C)
YUV	116.6670, 11.5032, -49.6970
Hunter-Lab	46.8770, -20.4291, -2.9485




Details

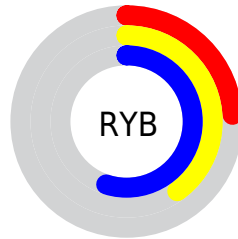
The CIELCh color **54, 25.574, 195.673** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 38.248, 25.529**, and the grayscale version is **49, 0.007, 296.813**.




A 20% lighter version of the original color is **74, 25.591, 195.031**, and **34, 23.434, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **54, 28.236, 195.341**, and if you desaturate by 10%, it is **55, 22.273, 196.049**.

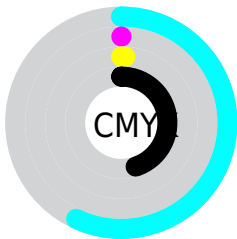
Distribution







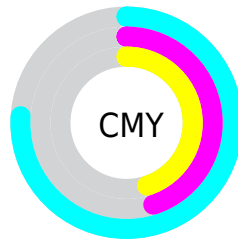
-  Red (24%)
-  Green (55%)
-  Blue (55%)






-  Red (24%)
-  Yellow (40%)
-  Blue (55%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (45%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 25.574, 195.673 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, 25.574, 195.673 by changing the saturation by 10% instead.


 54, 25.574,
195.673


 54, 25.574,
195.673


 100, 25.574,
195.673

 44, 25.574,
195.673


 74, 25.574,
195.673

 34, 25.574,
195.673

 84, 25.574,
195.673

 24, 25.574,
195.673

 94, 25.574,
195.673

 14, 25.574,
195.673

 4, 25.574, 195.673

 0, 25.574, 195.673

■ 54, 25.574,
195.673

■ 54, 25.574,
195.673

■ 54, 28.236,
195.341

■ 55, 22.273,
196.049

■ 53, 30.234,
195.057

■ 55, 18.387,
196.474

■ 53, 31.578,
194.812

■ 56, 13.988,
196.946

■ 53, 32.378,
194.597

■ 57, 9.157, 197.467

■ 53, 32.568,
194.542

■ 58, 3.979, 198.066

■ 59, 1.466, 18.236

■ 60, 7.107, 19.056

■ 62, 12.879, 19.689

■ 63, 18.732, 20.316

Harmonies

Complementary

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



54, 25.574, 195.673



37, 38.248, 25.529

Rectangle

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



54, 25.574, 195.673



54, 25.574, 245.673



54, 25.574, 15.673



54, 25.574, 65.673

Sweetspot

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



54, 25.574, 195.671



72, 11.117, 197.466



52, 54.530, 139.422



38, 7.373, 197.373



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, 25.574, 195.671



68, 35.097, 195.248



42, 26.107, 264.687



30, 3.072, 197.944



51, 31.547, 194.550



2, 2.122, 198.390

Inverse Universe

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



37, 38.248, 25.529



43, 58.262, 29.130



46, 31.279, 66.793



28, 3.245, 18.884



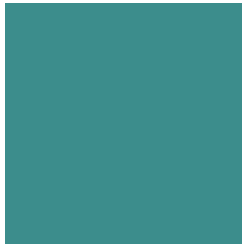
27, 63.734, 38.311



0, 2.122, 18.373

Previews

White Background



This preview shows how the CIE LCh color 54, 25.574, 195.673 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, 25.574, 195.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

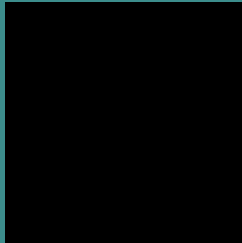
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 25.574, 195.673

Background



This preview shows how black text looks on a background with the CIELCh color 54, 25.574, 195.673.



This preview shows how white text looks on a background with the CIELCh color 54, 25.574, 195.673.

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, 25.574, 195.673

Protanopia

54, 2.453, 309.160

Deuteranopia

54, 11.554, 308.736



Tritanopia
54, 23.685, 213.034

Trichromacy



Original Color
54, 25.574, 195.673

Protanomaly
54, 10.409, 204.816

Deuteranomaly
53, 10.932, 238.323

Tritanomaly
54, 24.076, 206.971

Monochromacy



Original Color
54, 25.574, 195.673

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 11.284, 195.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 25.574, 195.673 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(60, 141, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 141, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 25.574, 195.673 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, 140) }
```

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

```
.border{ border-color:rgb(60, 141, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 141, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 141, 140);  
box-shadow:4px 4px 4px 4px rgb(60, 141,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 25.574, 195.673 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, 140) }
```

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

```
.background{ background-color: rgb(60, 141,  
140) }
```

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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