

Converting Colors

CIELCh(54, 26.496, 196.389)

Have a look what the booklet for
CIELCh(54, 26.496, 196.389)
contains.

CIELCh(54, 26.610, 195.642)	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, 26.610, 195.642)

Conversions

Conversions Part 1

Format	Color
Hex	388E8D
RGB	56, 142, 141
RGB Percent	22%, 56%, 55%
CMY	0.7821, 0.4446, 0.4485
CMYK	0.61, 0.00, 0.01, 0.44
HSL	179°, 44%, 39%
HSV	179°, 61%, 56%
XYZ	16.0039, 21.9746, 28.4524
YIQ	116.1720, -50.9350, -18.5430

Conversions

Conversions Part 2

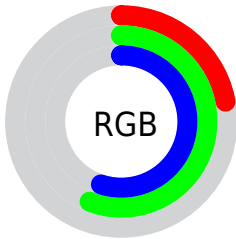
Format	Color
RYB	56, 99, 142
Decimal	3706509
CIELab	54.00, -25.62, -7.17
CIELCh	54, 26.610, 195.642
Yxy	21.9746, 0.2409, 0.3308
Android (android.graphics.Color)	4281896589 (0xFF388E8D)
YUV	116.1720, 12.2402, -52.7708
Hunter-Lab	46.8770, -21.0946, -3.1726

Details

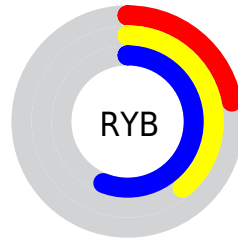
The CIELCh color **54, 26.610, 195.642** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36, 40.926, 26.428**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 26.517, 196.243**, and **34, 23.614, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **54, 29.049, 195.333**, and if you desaturate by 10%, it is **54, 23.518, 195.996**.

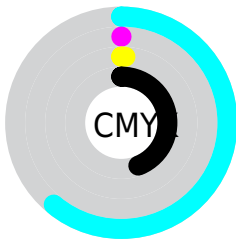
Distribution



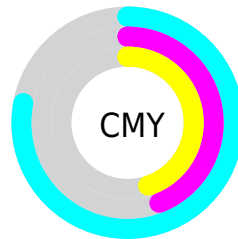
- Red (22%)
- Green (56%)
- Blue (55%)



- Red (22%)
- Yellow (39%)
- Blue (56%)



- Cyan (61%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)





- Cyan (78%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 26.610, 195.642 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, 26.610, 195.642 by changing the saturation by 10% instead.


 54, 26.610,
195.642

 54, 26.610,
195.642


 100, 26.610,
195.642

 44, 26.610,
195.642


 74, 26.610,
195.642

 34, 26.610,
195.642

 84, 26.610,
195.642

 24, 26.610,
195.642

 94, 26.610,
195.642

 14, 26.610,
195.642

 4, 26.610, 195.642

 0, 26.610, 195.642

■ 54, 26.610,
195.642

■ 54, 26.610,
195.642

■ 54, 29.049,
195.333

■ 54, 23.518,
195.996

■ 53, 30.821,
195.069

■ 55, 19.819,
196.401

■ 53, 31.951,
194.845

■ 56, 15.577,
196.854

■ 53, 32.620,
194.660

■ 57, 10.875,
197.354

■ 58, 5.794, 197.914

■ 59, 0.419, 199.415

■ 60, 5.176, 18.896

■ 61, 10.925, 19.539

■ 63, 16.771, 20.165

Harmonies

Complementary

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



54, 26.610, 195.642



36, 40.926, 26.428

Rectangle

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



54, 26.610, 195.642



54, 26.610, 245.642



54, 26.610, 15.642



54, 26.610, 65.642

Sweetspot

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



54, 26.610, 195.640



72, 11.735, 197.481



52, 57.429, 139.059



37, 8.063, 197.343



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, 26.610, 195.640



68, 36.066, 195.228



41, 27.624, 265.748



30, 3.072, 198.012



51, 31.528, 194.668



2, 2.122, 198.457

Inverse Universe

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



36, 40.926, 26.428



42, 61.880, 30.507



45, 33.456, 66.374



28, 3.245, 18.949



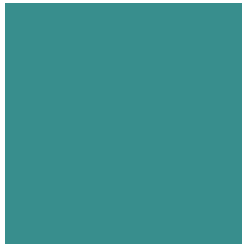
27, 63.759, 38.343



0, 2.122, 18.440

Previews

White Background



This preview shows how the CIE LCh color 54, 26.610, 195.642 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, 26.610, 195.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

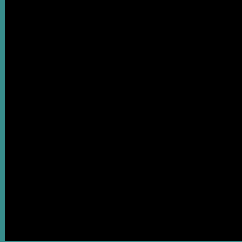
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 26.610, 195.642

Background



This preview shows how black text looks on a background with the CIELCh color 54, 26.610, 195.642.

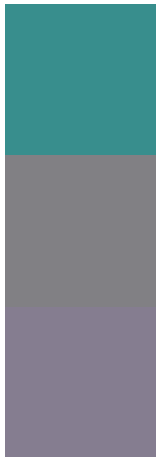


This preview shows how white text looks on a background with the CIELCh color 54, 26.610, 195.642.

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, 26.610, 195.642

Protanopia

54, 2.352, 300.081

Deuteranopia

54, 11.445, 306.899



Tritanopia
54, 24.680, 212.304

Trichromacy



Original Color
54, 26.610, 195.642

Protanomaly
53, 11.430, 204.142

Deuteranomaly
53, 11.461, 236.135

Tritanomaly
54, 25.346, 205.018

Monochromacy



Original Color
54, 26.610, 195.642

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 11.564, 198.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 26.610, 195.642 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(56, 142, 141)` looks like.

```
.text, #text, p{  
    color:rgb(56, 142, 141)  
}
```

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(56, 142, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 142, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 26.610, 195.642 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(56, 142, 141) }
```

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

```
.border{ border-color:rgb(56, 142, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 142, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 142, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 142, 141);  
box-shadow:4px 4px 4px 4px rgb(56, 142,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 26.610, 195.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 142, 141) }
```

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

```
.background{ background-color: rgb(56, 142,  
141) }
```

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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