

Converting Colors

CIELCh(54, 35.857, 196.425)

Have a look what the booklet for
CIELCh(54, 35.857, 196.425)
contains.

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Color

CIELCh(54, 32.756, 197.429)

Conversions

Conversions Part 1

Format	Color
Hex	009091
RGB	0, 144, 145
RGB Percent	0%, 56%, 57%
CMY	1.0000, 0.4352, 0.4312
CMYK	1.00, 0.01, 0.00, 0.43
HSL	180°, 100%, 28%
HSV	180°, 100%, 57%
XYZ	15.0451, 21.9746, 30.2489
YIQ	101.0580, -86.1450, -30.2170

Conversions

Conversions Part 2

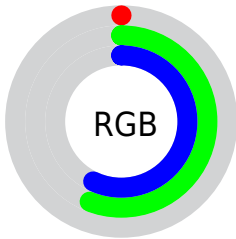
Format	Color
RYB	0, 72, 145
Decimal	37009
CIELab	54.00, -31.25, -9.81
CIELCh	54, 32.756, 197.429
Yxy	21.9746, 0.2237, 0.3267
Android (android.graphics.Color)	4278227089 (0xFF009091)
YUV	101.0580, 21.6634, -88.6279
Hunter-Lab	46.8770, -24.7455, -5.4449

Details

The CIELCh color **54, 32.756, 197.429** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **30, 67.846, 39.365**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 32.429, 197.992**, and **35, 23.664, 199.511** is the 20% darker color. If you saturate the color by 10%, you get **54, 32.592, 197.447**, and if you desaturate by 10%, it is **54, 31.925, 197.421**.

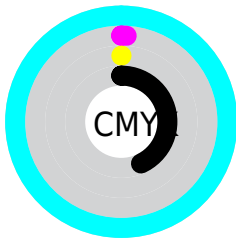
Distribution



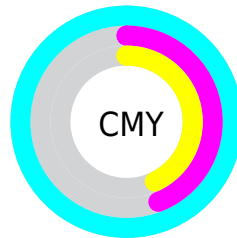
- Red (0%)
- Green (56%)
- Blue (57%)



- Red (0%)
- Yellow (28%)
- Blue (57%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)




- Cyan (100%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 32.756, 197.429 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, 32.756, 197.429 by changing the saturation by 10% instead.


 54, 32.756,
197.429


 54, 32.756,
197.429

 100, 32.756,
197.429

 44, 32.756,
197.429


 74, 32.756,
197.429

 34, 32.756,
197.429

 84, 32.756,
197.429

 24, 32.756,
197.429

 94, 32.756,
197.429

 14, 32.756,
197.429

 4, 32.756, 197.429

 0, 32.756, 197.429

■ 54, 32.756,
197.429

■ 54, 32.756,
197.429

■ 54, 32.592,
197.447

■ 54, 31.925,
197.421

■ 54, 30.801,
197.445

■ 55, 29.018,
197.539

■ 55, 26.555,
197.706

■ 56, 23.426,
197.944

■ 56, 19.677,
198.252

■ 57, 15.378,
198.624

■ 58, 10.608,

199.057

■ 59, 5.455, 199.564

Harmonies

Complementary

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



54, 32.756, 197.429



30, 67.846, 39.365

Rectangle

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



54, 32.756, 197.429



54, 32.756, 247.429



54, 32.756, 17.429



54, 32.756, 67.429

Sweetspot

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



54, 32.592, 197.447



73, 19.016, 198.599



52, 78.666, 136.016



38, 12.743, 198.454



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, 32.592, 197.447



69, 39.565, 197.470



31, 46.537, 283.122



30, 3.047, 199.612



51, 30.964, 197.440



2, 2.106, 200.007

Inverse Universe

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



34, 75.495, 328.505



45, 91.655, 328.511



39, 55.772, 61.378



28, 5.582, 325.093



32, 71.722, 328.504



1, 3.750, 324.624

Previews

White Background



This preview shows how the CIE LCh color 54, 32.756, 197.429 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, 32.756, 197.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

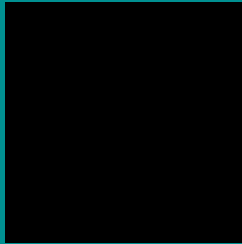
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 32.756, 197.429

Background



This preview shows how black text looks on a background with the CIELCh color 54, 32.756, 197.429.

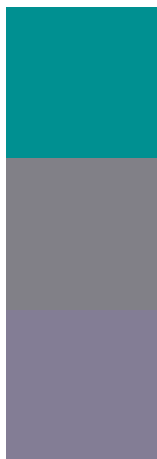


This preview shows how white text looks on a background with the CIELCh color 54, 32.756, 197.429.

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, 32.591, 197.436

Protanopia

54, 4.067, 296.166

Deuteranopia

54, 14.100, 300.974



Tritanopia
54, 30.078, 209.091

Trichromacy



Original Color
54, 32.591, 197.436



Protanomaly
53, 17.930, 207.090



Deuteranomaly
52, 18.339, 228.693



Tritanomaly
54, 30.878, 205.342

Monochromacy



Original Color
54, 32.591, 197.436



Achromatopsia
43, 0.006, 296.813



Achromatomaly
46, 18.451, 197.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 32.756, 197.429 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(0, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 145)  
}
```

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(0, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 32.756, 197.429 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(0, 144, 145) }
```

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

```
.border{ border-color:rgb(0, 144, 145) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 32.756, 197.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 145) }
```

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

```
.background{ background-color: rgb(0, 144,  
145) }
```

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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