

Converting Colors

CIELCh(49, 71.666, 192.190)

Have a look what the booklet for
CIELCh(49, 71.666, 192.190)
contains.

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Color

CIELCh(54, 33.090, 193.280)

Conversions

Conversions Part 1

Format	Color
Hex	04908D
RGB	4, 144, 141
RGB Percent	2%, 56%, 55%
CMY	0.9827, 0.4344, 0.4462
CMYK	0.97, 0.00, 0.02, 0.43
HSL	179°, 94%, 29%
HSV	179°, 97%, 57%
XYZ	14.8866, 21.9746, 28.7380
YIQ	101.7980, -82.4770, -30.6130

Conversions

Conversions Part 2

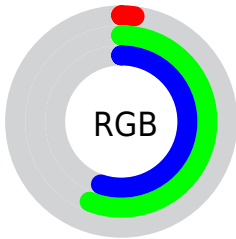
Format	Color
RYB	4, 75, 144
Decimal	299149
CIELab	54.00, -32.21, -7.60
CIELCh	54, 33.090, 193.280
Yxy	21.9746, 0.2269, 0.3350
Android (android.graphics.Color)	4278489229 (0xFF04908D)
YUV	101.7980, 19.3266, -85.7688
Hunter-Lab	46.8770, -25.3489, -3.5338

Details

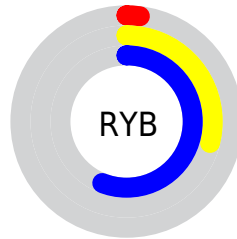
The CIELCh color **54, 33.090, 193.280** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **30, 65.437, 37.640**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 32.913, 194.106**, and **35, 24.342, 193.347** is the 20% darker color. If you saturate the color by 10%, you get **54, 33.316, 193.183**, and if you desaturate by 10%, it is **54, 32.245, 193.600**.

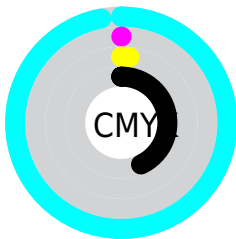
Distribution



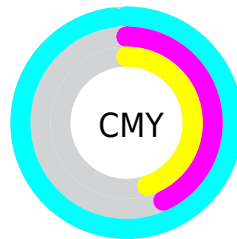
- Red (2%)
- Green (56%)
- Blue (55%)



- Red (2%)
- Yellow (29%)
- Blue (56%)



- Cyan (97%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)



- Cyan (98%)
- Magenta (43%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 33.090, 193.280 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, 33.090, 193.280 by changing the saturation by 10% instead.


 54, 33.090,
193.280


 54, 33.090,
193.280


 100, 33.090,
193.280

 44, 33.090,
193.280


 74, 33.090,
193.280

 34, 33.090,
193.280

 84, 33.090,
193.280

 24, 33.090,
193.280

 94, 33.090,
193.280

 14, 33.090,
193.280

 4, 33.090, 193.280

 0, 33.090, 193.280

■ 54, 33.090,
193.280

■ 54, 33.090,
193.280

■ 54, 33.316,
193.183

■ 54, 32.245,
193.600

■ 54, 30.830,
193.939

■ 55, 28.746,
194.303

■ 55, 25.987,
194.700

■ 56, 22.581,
195.135

■ 56, 18.583,
195.608

■ 57, 14.070,
196.121

■ 58, 9.125, 196.676

Harmonies

Complementary

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



54, 33.090, 193.280



30, 65.437, 37.640

Rectangle

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



54, 33.090, 193.280



54, 33.090, 243.280



54, 33.090, 13.280



54, 33.090, 63.280

Sweetspot

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



54, 33.090, 193.279



73, 18.677, 195.980



52, 77.339, 135.997



38, 12.595, 195.784



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, 33.090, 193.279



69, 40.629, 193.116



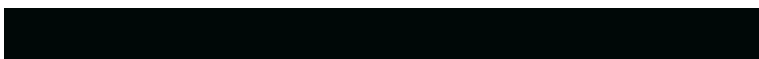
33, 42.062, 278.305



30, 3.075, 197.154



51, 31.773, 193.202



2, 2.123, 197.621

Inverse Universe

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



30, 65.437, 37.640



39, 82.418, 39.141



38, 54.721, 59.193



28, 3.245, 18.135



27, 63.440, 37.944



0, 2.123, 17.604

Previews

White Background



This preview shows how the CIELCh color 54, 33.090, 193.280 looks on a white background.

Color Contrast Check

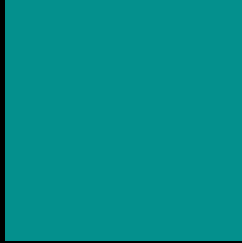
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.090, 193.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

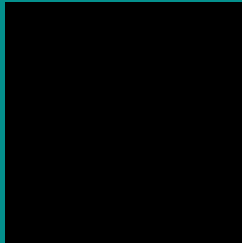
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 33.090, 193.280

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.090, 193.280.



This preview shows how white text looks on a background with the CIELCh color 54, 33.090, 193.280.

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

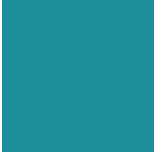
54, 33.065, 193.299

Protanopia

54, 1.916, 314.694

Deuteranopia

54, 12.001, 306.190



Tritanopia
54, 29.520, 210.562

Trichromacy



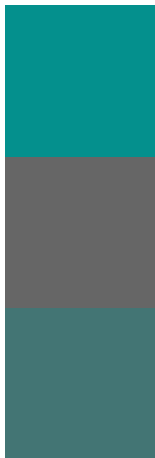
Original Color
54, 33.065, 193.299

Protanomaly
53, 17.483, 199.606

Deuteranomaly
52, 16.851, 222.612

Tritanomaly
54, 30.772, 203.155

Monochromacy



Original Color
54, 33.065, 193.299

Achromatopsia
43, 0.006, 296.813

Achromatomaly
46, 17.720, 195.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.090, 193.280 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(4, 144, 141)` looks like.

```
.text, #text, p{  
    color:rgb(4, 144, 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(4, 144, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 144, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.090, 193.280 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(4, 144, 141) }
```

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

```
.border{ border-color:rgb(4, 144, 141) }
```

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

Here you see how a box with a 4 pixel rgb(4, 144, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 144, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 144, 141);  
box-shadow:4px 4px 4px 4px rgb(4, 144,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.090, 193.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 144, 141) }
```

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

```
.background{ background-color: rgb(4, 144,  
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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