

Converting Colors

CIELCh(54, 31.577, 209.091)

Have a look what the booklet for
CIELCh(54, 31.577, 209.091)
contains.

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Color

CIELCh(54, 31.415, 209.560)

Conversions

Conversions Part 1

Format	Color
Hex	008F9B
RGB	0, 143, 155
RGB Percent	0%, 56%, 61%
CMY	1.0000, 0.4396, 0.3926
CMYK	1.00, 0.08, 0.00, 0.39
HSL	185°, 100%, 30%
HSV	185°, 100%, 61%
XYZ	15.7098, 21.9746, 34.3783
YIQ	101.6110, -89.0800, -26.5840

Conversions

Conversions Part 2

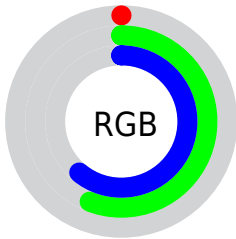
Format	Color
RYB	0, 74, 155
Decimal	36763
CIELab	54.00, -27.33, -15.50
CIELCh	54, 31.415, 209.560
Yxy	21.9746, 0.2180, 0.3049
Android (android.graphics.Color)	4278226843 (0xFF008F9B)
YUV	101.6110, 26.3208, -89.1128
Hunter-Lab	46.8770, -22.2143, -10.6677

Details

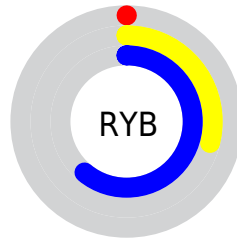
The CIELCh color **54, 31.415, 209.560** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32, 70.576, 40.716**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 31.424, 209.283**, and **35, 22.936, 216.098** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.399, 209.567**, and if you desaturate by 10%, it is **54, 30.940, 208.441**.

Distribution



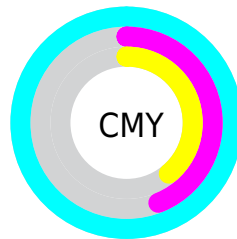
- Red (0%)
- Green (56%)
- Blue (61%)



- Red (0%)
- Yellow (29%)
- Blue (61%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)





- Cyan (100%)
- Magenta (44%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 31.415, 209.560 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, 31.415, 209.560 by changing the saturation by 10% instead.


 54, 31.415,
209.560


 54, 31.415,
209.560


 100, 31.415,
209.560

 44, 31.415,
209.560


 74, 31.415,
209.560

 34, 31.415,
209.560


 84, 31.415,
209.560

 24, 31.415,
209.560

 94, 31.415,
209.560

 14, 31.415,
209.560

 4, 31.415, 209.560

 0, 31.415, 209.560

■ 54, 31.415,
209.560

■ 54, 31.415,
209.560

■ 54, 31.399,
209.567

■ 54, 30.940,
208.441

■ 55, 29.991,
207.507

■ 56, 28.357,
206.808

■ 57, 26.017,
206.321

■ 57, 22.994,
206.019

■ 59, 19.339,
205.877

■ 60, 15.128,
205.870

■ 61, 10.445,

205.980

■ 62, 5.375, 206.207

Harmonies

Complementary

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



54, 31.415, 209.560



32, 70.576, 40.716

Rectangle

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



54, 31.415, 209.560



54, 31.415, 259.560



54, 31.415, 29.560



54, 31.415, 79.560

Sweetspot

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



54, 31.399, 209.567



76, 18.698, 205.867



56, 81.225, 136.679



40, 12.656, 205.858



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 31.399, 209.567



69, 38.093, 209.853



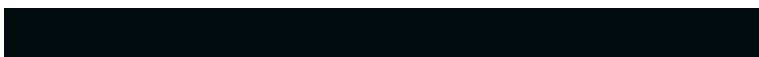
30, 55.853, 289.337



32, 3.013, 206.232



49, 29.220, 209.442



3, 3.310, 207.253

Inverse Universe

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



36, 75.009, 331.528



47, 91.027, 331.598



44, 57.371, 66.876



30, 5.634, 327.087



32, 69.795, 331.497



1, 6.019, 326.857

Previews

White Background



This preview shows how the CIELCh color 54, 31.415, 209.560 looks on a white background.

Color Contrast Check

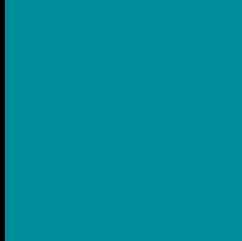
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.415, 209.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

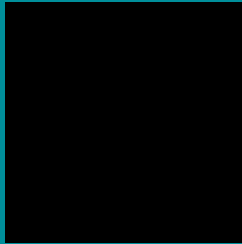
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 31.415, 209.560

Background



This preview shows how black text looks on a background with the CIELCh color 54, 31.415, 209.560.

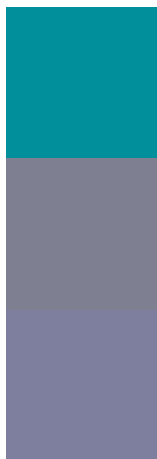


This preview shows how white text looks on a background with the CIELCh color 54, 31.415, 209.560.

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

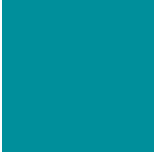
54, 31.415, 209.560

Protanopia

54, 9.824, 287.010

Deuteranopia

54, 19.064, 292.479



Tritanopia
54, 31.415, 209.560

Trichromacy



Original Color
54, 31.415, 209.560



Protanomaly
53, 19.276, 226.944



Deuteranomaly
53, 21.690, 242.641



Tritanomaly
54, 31.415, 209.560

Monochromacy



Original Color
54, 31.415, 209.560



Achromatopsia
43, 0.006, 296.813



Achromatomaly
46, 17.925, 205.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 31.415, 209.560 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, 143, 155)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 155)  
}
```

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, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 31.415, 209.560 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, 143, 155) }
```

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

```
.border{ border-color:rgb(0, 143, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 155);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 31.415, 209.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 155) }
```

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

```
.background{ background-color: rgb(0, 143,  
155) }
```

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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