

Converting Colors

CIELCh(54, 32.691, 195.400)

Have a look what the booklet for
CIELCh(54, 32.691, 195.400)
contains.

CIELCh(54, 32.669, 195.360)	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, 32.669, 195.360)

Conversions

Conversions Part 1

Format	Color
Hex	05908F
RGB	5, 144, 143
RGB Percent	2%, 56%, 56%
CMY	0.9798, 0.4351, 0.4391
CMYK	0.96, 0.00, 0.01, 0.44
HSL	180°, 93%, 29%
HSV	180°, 96%, 56%
XYZ	15.0034, 21.9746, 29.4510
YIQ	102.3250, -82.5230, -29.7790

Conversions

Conversions Part 2

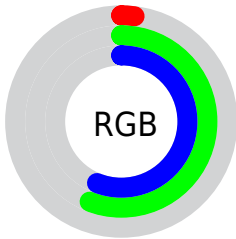
Format	Color
RYB	5, 75, 144
Decimal	364687
CIELab	54.00, -31.50, -8.65
CIELCh	54, 32.669, 195.360
Yxy	21.9746, 0.2259, 0.3308
Android (android.graphics.Color)	4278554767 (0xFF05908F)
YUV	102.3250, 20.0528, -85.3540
Hunter-Lab	46.8770, -24.9042, -4.4357

Details

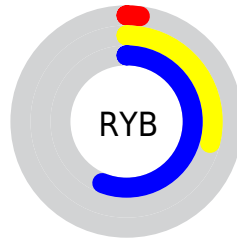
The CIELCh color **54, 32.669, 195.360** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **30, 65.585, 38.080**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 32.455, 196.043**, and **35, 23.973, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **54, 32.917, 195.307**, and if you desaturate by 10%, it is **54, 31.851, 195.515**.

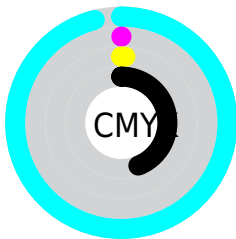
Distribution



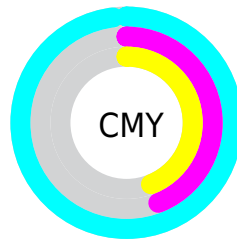
- Red (2%)
- Green (56%)
- Blue (56%)



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



- Cyan (96%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)





- Cyan (98%)
- Magenta (44%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 32.669, 195.360 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, 32.669, 195.360 by changing the saturation by 10% instead.


 54, 32.669,
195.360

 54, 32.669,
195.360


 100, 32.669,
195.360


 44, 32.669,
195.360


 74, 32.669,
195.360

 34, 32.669,
195.360

 84, 32.669,
195.360

 24, 32.669,
195.360

 94, 32.669,
195.360

 14, 32.669,
195.360

 4, 32.669, 195.360

 0, 32.669, 195.360

■ 54, 32.669,
195.360

■ 54, 32.669,
195.360

■ 54, 32.917,
195.307

■ 54, 31.851,
195.515

■ 54, 30.451,
195.710

■ 55, 28.383,
195.955

■ 55, 25.639,
196.252

■ 56, 22.248,
196.603

■ 56, 18.264,
197.007

■ 57, 13.761,
197.462

■ 58, 8.824, 197.971

Harmonies

Complementary

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



54, 32.669, 195.360



30, 65.585, 38.080

Rectangle

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



54, 32.669, 195.360



54, 32.669, 245.360



54, 32.669, 15.360



54, 32.669, 65.360

Sweetspot

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



54, 32.669, 195.359



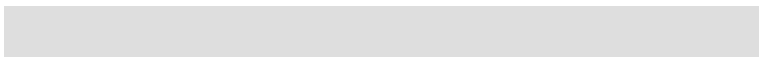
72, 18.413, 197.312



52, 77.217, 136.116



38, 12.549, 197.137



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, 32.669, 195.359



69, 39.768, 195.285



33, 43.173, 279.905



30, 3.071, 198.387



51, 31.427, 195.313



2, 2.121, 198.821

Inverse Universe

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



30, 65.585, 38.080



39, 82.214, 39.704



39, 54.063, 60.641



28, 3.245, 19.303



27, 63.899, 38.515



0, 2.122, 18.804

Previews

White Background



This preview shows how the CIE LCh color 54, 32.669, 195.360 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, 32.669, 195.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

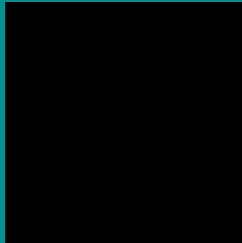
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 32.669, 195.360

Background



This preview shows how black text looks on a background with the CIELCh color 54, 32.669, 195.360.

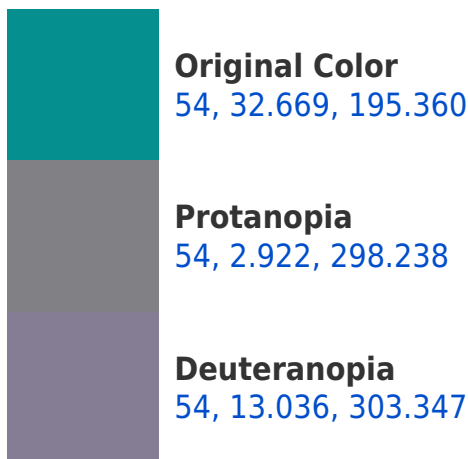


This preview shows how white text looks on a background with the CIELCh color 54, 32.669, 195.360.

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





Tritanopia
54, 29.704, 210.461

Trichromacy



Original Color
54, 32.669, 195.360



Protanomaly
53, 17.387, 203.513



Deuteranomaly
52, 17.203, 226.455



Tritanomaly
54, 30.758, 204.271

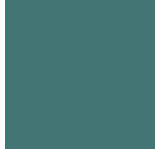
Monochromacy



Original Color
54, 32.669, 195.360



Achromatopsia
43, 0.006, 296.813



Achromatomaly
46, 17.613, 197.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 32.669, 195.360 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(5, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(5, 144, 143)  
}
```

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(5, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 144, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 32.669, 195.360 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(5, 144, 143) }
```

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

```
.border{ border-color:rgb(5, 144, 143) }
```

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

Here you see how a box with a 4 pixel rgb(5, 144, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(5, 144,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 32.669, 195.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 144, 143) }
```

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

```
.background{ background-color: rgb(5, 144,  
143) }
```

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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