

Converting Colors

CIELCh(54, 33.409, 174.969)

Have a look what the booklet for
CIELCh(54, 33.409, 174.969)
contains.

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Color

CIELCh(54, 33.372, 174.882)

Conversions

Conversions Part 1

Format	Color
Hex	2F907B
RGB	47, 144, 123
RGB Percent	18%, 56%, 48%
CMY	0.8158, 0.4354, 0.5177
CMYK	0.67, 0.00, 0.15, 0.44
HSL	167°, 51%, 37%
HSV	167°, 67%, 56%
XYZ	14.7160, 21.9746, 22.1993
YIQ	112.6030, -51.0710, -27.0950

Conversions

Conversions Part 2

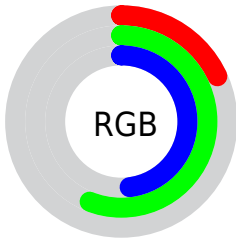
Format	Color
R_{YB}	47, 101, 144
Decimal	3117179
CIE _{Lab}	54.00, -33.24, 2.98
CIE _{LCh}	54, 33.372, 174.882
Y _{xy}	21.9746, 0.2499, 0.3731
Android (android.graphics.Color)	4281307259 (0xFF2F907B)
YUV	112.6030, 5.1257, -57.5338
Hunter-Lab	46.8770, -25.9987, 4.7363

Details

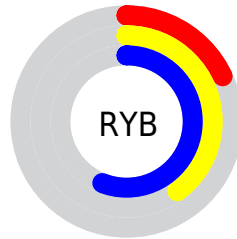
The CIELCh color **54, 33.372, 174.882** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **35, 43.606, 13.088**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 33.371, 174.877**, and **35, 29.402, 171.766** is the 20% darker color. If you saturate the color by 10%, you get **54, 36.440, 173.429**, and if you desaturate by 10%, it is **55, 29.682, 176.195**.

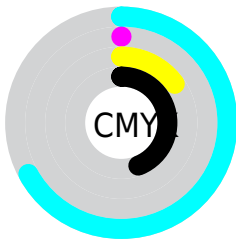
Distribution



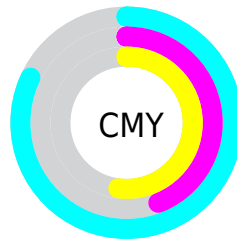
- Red (18%)
- Green (56%)
- Blue (48%)



- Red (18%)
- Yellow (40%)
- Blue (56%)



- Cyan (67%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)





- Cyan (82%)
- Magenta (44%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 33.372, 174.882 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, 33.372, 174.882 by changing the saturation by 10% instead.


 54, 33.372,
174.882


 54, 33.372,
174.882


 100, 33.372,
174.882

 44, 33.372,
174.882


 74, 33.372,
174.882

 34, 33.372,
174.882

 84, 33.372,
174.882

 24, 33.372,
174.882

 94, 33.372,
174.882

 14, 33.372,
174.882

 4, 33.372, 174.882

 0, 33.372, 174.882

■ 54, 33.372,
174.882

■ 54, 33.372,
174.882

■ 54, 36.440,
173.429

■ 55, 29.682,
176.195

■ 53, 38.876,
171.818

■ 55, 25.419,
177.392

■ 53, 40.775,
170.070

■ 56, 20.658,
178.495

■ 53, 41.257,
169.623

■ 57, 15.490,
179.522

■ 58, 10.007,
180.494

■ 59, 4.300, 181.452

■ 60, 1.553, 1.967

■ 61, 7.483, 2.995

Harmonies

Complementary

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



54, 33.372, 174.882



35, 43.606, 13.088

Rectangle

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



54, 33.372, 174.882



54, 33.372, 224.882



54, 33.372, 354.882



54, 33.372, 44.882

Sweetspot

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



54, 33.372, 174.881



73, 14.141, 180.203



53, 60.197, 134.538



38, 9.681, 179.959



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, 33.372, 174.881



68, 45.683, 172.597



46, 24.847, 239.375



30, 3.266, 181.274



50, 39.340, 169.743



2, 2.232, 182.012

Inverse Universe

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



35, 43.606, 13.088



41, 62.751, 18.739



40, 39.721, 47.434



28, 3.378, 2.768



27, 56.662, 26.607



0, 2.232, 1.997

Previews

White Background



This preview shows how the CIE LCh color 54, 33.372, 174.882 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, 33.372, 174.882 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, 33.372, 174.882

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.372, 174.882.

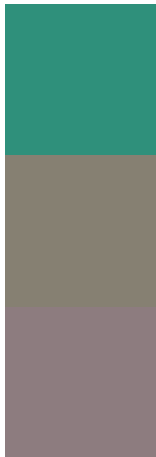


This preview shows how white text looks on a background with the CIELCh color 54, 33.372, 174.882.

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, 33.372, 174.882

Protanopia
54, 8.414, 91.911

Deuteranopia
54, 7.094, 6.103



Tritanopia
54, 24.680, 212.304

Trichromacy



Original Color
54, 33.372, 174.882

Protanomaly
53, 16.013, 160.000

Deuteranomaly
53, 9.716, 181.045

Tritanomaly
54, 26.450, 196.907

Monochromacy



Original Color
54, 33.372, 174.882

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 13.986, 180.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.372, 174.882 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(47, 144, 123)` looks like.

```
.text, #text, p{  
    color:rgb(47, 144, 123)  
}
```

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(47, 144, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 144, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.372, 174.882 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(47, 144, 123) }
```

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

```
.border{ border-color:rgb(47, 144, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 144, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 144, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 144, 123);  
box-shadow:4px 4px 4px 4px rgb(47, 144,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.372, 174.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 144, 123) }
```

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

```
.background{ background-color: rgb(47, 144,  
123) }
```

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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