

Converting Colors

CIELCh(55, 26.918, 174.539)

Have a look what the booklet for
CIELCh(55, 26.918, 174.539)
contains.

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Color

CIELCh(55, 27.052, 174.258)

Conversions

Conversions Part 1

Format	Color
Hex	49907E
RGB	73, 144, 126
RGB Percent	29%, 56%, 49%
CMY	0.7131, 0.4346, 0.5053
CMYK	0.49, 0.00, 0.12, 0.43
HSL	165°, 33%, 43%
HSV	165°, 49%, 57%
XYZ	16.5346, 22.9298, 23.3470
YIQ	120.7190, -36.5380, -20.6500

Conversions

Conversions Part 2

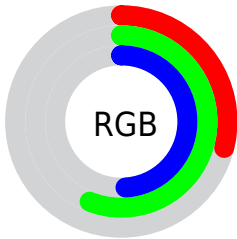
Format	Color
R_{YB}	73, 114, 144
Decimal	4821118
CIE _{Lab}	55.00, -26.92, 2.71
CIE _{LCh}	55, 27.052, 174.258
Yxy	22.9298, 0.2632, 0.3651
Android (android.graphics.Color)	4283011198 (0xFF49907E)
YUV	120.7190, 2.6035, -41.8496
Hunter-Lab	47.8851, -22.1635, 4.6119

Details

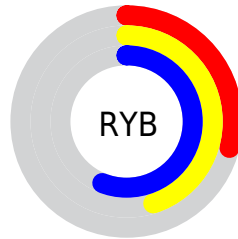
The CIELCh color **55, 27.052, 174.258** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **40, 32.122, 5.690**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 26.938, 174.891**, and **35, 27.098, 174.203** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.433, 172.967**, and if you desaturate by 10%, it is **56, 22.177, 175.433**.

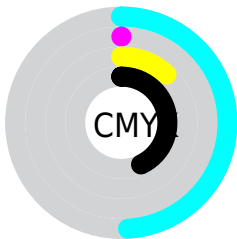
Distribution



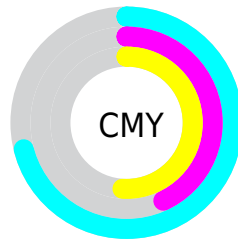
- Red (29%)
- Green (56%)
- Blue (49%)



- Red (29%)
- Yellow (45%)
- Blue (56%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)




- Cyan (71%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 27.052, 174.258 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 55, 27.052, 174.258 by changing the saturation by 10% instead.

 55, 27.052,
174.258


 55, 27.052,
174.258

 100, 27.052,
174.258


 45, 27.052,
174.258


 75, 27.052,
174.258

 35, 27.052,
174.258

 85, 27.052,
174.258

 25, 27.052,
174.258

 95, 27.052,
174.258

 15, 27.052,
174.258

 5, 27.052, 174.258

 0, 27.052, 174.258

■ 55, 27.052,
174.258

■ 55, 27.052,
174.258

■ 54, 31.433,
172.967

■ 56, 22.177,
175.433

■ 54, 35.242,
171.542

■ 57, 16.896,
176.517

■ 54, 38.434,
169.959

■ 58, 11.304,
177.529

■ 53, 41.004,
168.200

■ 59, 5.494, 178.503

■ 53, 43.112,
166.332

■ 60, 0.454, 358.464

■ 53, 43.270,
166.197

■ 61, 6.469, 0.098

■ 63, 12.495, 0.929

■ 64, 18.489, 1.708

■ 66, 24.416, 2.452

Harmonies

Complementary

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



55, 27.052, 174.258



40, 32.122, 5.690

Rectangle

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



55, 27.052, 174.258



55, 27.052, 224.258



55, 27.052, 354.258



55, 27.052, 44.258

Sweetspot

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



55, 27.052, 174.257



73, 10.907, 177.914



55, 44.919, 134.254



39, 7.482, 177.730



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 27.052, 174.257



69, 38.416, 172.837



50, 19.699, 227.570



30, 3.328, 178.511



50, 41.208, 166.329



2, 2.270, 179.265

Inverse Universe

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



40, 32.122, 5.690



48, 47.340, 8.178



44, 27.888, 42.752



28, 3.429, 0.032



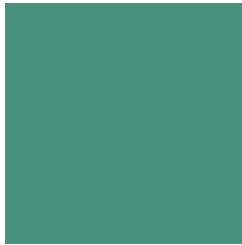
28, 55.486, 23.554



0, 2.271, 359.251

Previews

White Background



This preview shows how the CIELCh color 55, 27.052, 174.258 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 55, 27.052, 174.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

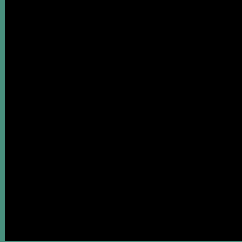
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 27.052, 174.258

Background



This preview shows how black text looks on a background with the CIELCh color 55, 27.052, 174.258.

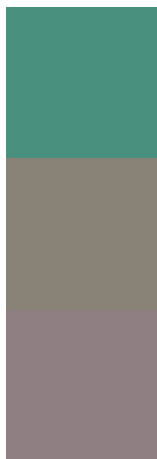


This preview shows how white text looks on a background with the CIELCh color 55, 27.052, 174.258.

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
55, 27.052, 174.258

Protanopia
55, 6.759, 87.981

Deuteranopia
55, 7.063, 6.079



Tritanopia
55, 20.143, 217.941

Trichromacy



Original Color
55, 27.052, 174.258

Protanomaly
54, 11.517, 157.820

Deuteranomaly
54, 6.306, 177.366

Tritanomaly
55, 21.358, 198.953

Monochromacy



Original Color
55, 27.052, 174.258

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 10.310, 178.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 27.052, 174.258 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(73, 144, 126)` looks like.

```
.text, #text, p{  
    color:rgb(73, 144, 126)  
}
```

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(73, 144, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 144, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 27.052, 174.258 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(73, 144, 126) }
```

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

```
.border{ border-color:rgb(73, 144, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 144, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 144, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 144, 126);  
box-shadow:4px 4px 4px 4px rgb(73, 144,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 27.052, 174.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 144, 126) }
```

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

```
.background{ background-color: rgb(73, 144,  
126) }
```

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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