

Converting Colors

CIELCh(55, 34.467, 190.526)

Have a look what the booklet for
CIELCh(55, 34.467, 190.526)
contains.

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Color

CIELCh(55, 34.132, 191.388)

Conversions

Conversions Part 1

Format	Color
Hex	01938E
RGB	1, 147, 142
RGB Percent	0%, 58%, 56%
CMY	0.9957, 0.4223, 0.4420
CMYK	0.99, 0.00, 0.03, 0.42
HSL	178°, 99%, 29%
HSV	178°, 99%, 58%
XYZ	15.3987, 22.9298, 29.3215
YIQ	102.7760, -85.4110, -32.5070

Conversions

Conversions Part 2

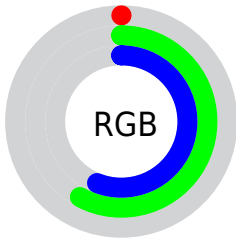
Format	Color
RYB	1, 75, 147
Decimal	103310
CIELab	55.00, -33.46, -6.74
CIELCh	55, 34.132, 191.388
Yxy	22.9298, 0.2276, 0.3389
Android (android.graphics.Color)	4278293390 (0xFF01938E)
YUV	102.7760, 19.3374, -89.2576
Hunter-Lab	47.8851, -26.3977, -2.7854

Details

The CIELCh color **55, 34.132, 191.388** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **30, 67.229, 37.785**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 34.227, 191.409**, and **36, 25.296, 190.561** is the 20% darker color. If you saturate the color by 10%, you get **55, 34.190, 191.353**, and if you desaturate by 10%, it is **55, 33.308, 191.848**.

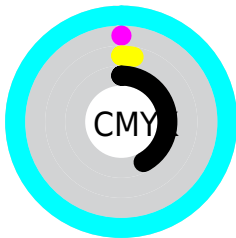
Distribution



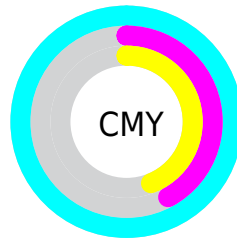
- Red (0%)
- Green (58%)
- Blue (56%)



- Red (0%)
- Yellow (29%)
- Blue (58%)



- Cyan (99%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)





- Cyan (100%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 34.132, 191.388 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, 34.132, 191.388 by changing the saturation by 10% instead.


 55, 34.132,
191.388

 55, 34.132,
191.388


 100, 34.132,
191.388

 45, 34.132,
191.388


 75, 34.132,
191.388


 35, 34.132,
191.388

 85, 34.132,
191.388

 25, 34.132,
191.388

 95, 34.132,
191.388

 15, 34.132,
191.388

 5, 34.132, 191.388

 0, 34.132, 191.388

■ 55, 34.132,
191.388

■ 55, 34.132,
191.388

■ 55, 34.190,
191.353

■ 55, 33.308,
191.848

■ 55, 31.980,
192.308

■ 56, 29.980,
192.774

■ 56, 27.292,
193.254

■ 57, 23.936,
193.755

■ 57, 19.968,
194.283

■ 58, 15.460,
194.840

■ 59, 10.499,

195.429

■ 60, 5.175, 196.070

Harmonies

Complementary

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



55, 34.132, 191.388



30, 67.229, 37.785

Rectangle

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



55, 34.132, 191.388



55, 34.132, 241.388



55, 34.132, 11.388



55, 34.132, 61.388

Sweetspot

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



55, 34.132, 191.387



74, 19.525, 194.762



53, 79.067, 135.785



39, 13.238, 194.547



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 34.132, 191.387



70, 41.483, 191.253



34, 42.338, 277.452



31, 3.171, 196.073



52, 32.547, 191.382



2, 2.833, 196.572

Inverse Universe

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



30, 67.229, 37.785



40, 82.738, 38.680



38, 57.233, 57.487



29, 3.343, 17.116



28, 64.011, 37.564



1, 2.834, 16.555

Previews

White Background



This preview shows how the CIELCh color 55, 34.132, 191.388 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, 34.132, 191.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

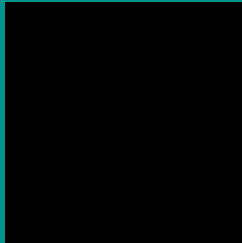
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 34.132, 191.388

Background



This preview shows how black text looks on a background with the CIELCh color 55, 34.132, 191.388.




This preview shows how white text looks on a background with the CIELCh color 55, 34.132, 191.388.

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
55, 29.863, 210.353

Trichromacy



Original Color
55, 34.085, 191.385

Protanomaly
53, 17.844, 197.663

Deuteranomaly
53, 17.106, 217.844

Tritanomaly
55, 31.298, 203.014

Monochromacy



Original Color
55, 34.085, 191.385

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 18.690, 193.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 34.132, 191.388 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(1, 147, 142)` looks like.

```
.text, #text, p{  
    color:rgb(1, 147, 142)  
}
```

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(1, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 147, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 34.132, 191.388 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(1, 147, 142) }
```

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

```
.border{ border-color:rgb(1, 147, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 147, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(1, 147,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 34.132, 191.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 147, 142) }
```

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

```
.background{ background-color: rgb(1, 147,  
142) }
```

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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