Converting Colors

CIELCh(55, 13.898, 138.405)

Have a look what the booklet for CIELCh(55, 13.898, 138.405) contains.

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Color

CIELCh(55, 13.891, 138.384)

Conversions

Conversions Part 1

Format	Color
Hex	778873
RGB	119, 136, 115
RGB Percent	47%, 53%, 45%
CMY	0.5317, 0.4650, 0.5474
CMYK	0.12, 0.00, 0.15, 0.46
HSL	109°, 8%, 49%
HSV	109°, 15%, 54%
XYZ	19.6499, 22.9298, 19.7367
YIQ	128.5230, -3.3910, -10.1350

Conversions

Conversions Part 2

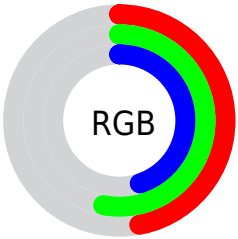
Format	Color
RYB	115, 136, 132
Decimal	7833715
CIELab	55.00, -10.39, 9.23
CIELCh	55, 13.891, 138.384
Yxy	22.9298, 0.3153, 0.3680
Android (android.graphics.Color)	4286023795 (0xFF778873)
YUV	128.5230, -6.6668, -8.3517
Hunter-Lab	47.8851, -10.5507, 9.0822

Details

The CIELCh color 55, 13.891, 138.384 is a dark color, and the websafe version is hex 999999. A complement of this color would be 51, 13.991, 319.748, and the grayscale version is 54, 0.007, 296.813.

A 20% lighter version of the original color is 75, 13.714, 138.816, and 35, 13.791, 139.007 is the 20% darker color. If you saturate the color by 10%, you get 54, 22.958, 137.831, and if you desaturate by 10%, it is 56, 4.846, 138.892.

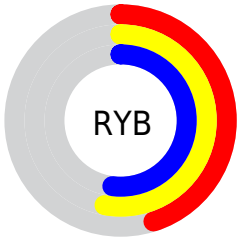
Distribution



Red (47%)

Green (53%)

Blue (45%)



Red (45%)

Yellow (53%)

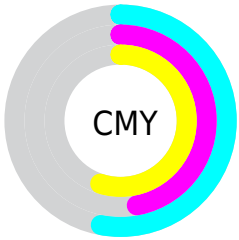
Blue (52%)

Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (46%)



Cyan (53%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 13.891, 138.384 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, 13.891, 138.384 by changing the saturation by 10% instead.

55, 13.891, 138.384

100, 13.891, 138.384

75, 13.891, 138.384

85, 13.891, 138.384

95, 13.891, 138.384

55, 13.891, 138.384

45, 13.891, 138.384

35, 13.891, 138.384

25, 13.891, 138.384

15, 13.891, 138.384

5, 13.891, 138.384

0, 13.891, 138.384

55, 13.891, 138.384

54, 22.958, 137.831

53, 31.937, 137.219

52, 40.686, 136.561

51, 49.013, 135.888

51, 56.667, 135.256

50, 63.324, 134.753

50, 68.620, 134.497

50, 72.308,

55, 13.891, 138.384

56, 4.846, 138.892

57, 4.106, 319.244

59, 12.909, 319.636

60, 21.527, 319.956

62, 29.937, 320.228

63, 38.127, 320.460

65, 46.092, 320.658

67, 53.832, 320.826

134.557

69, 61.352, 320.969

49, 73.757, 134.528

Harmonies

Complementary

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

55, 13.891, 138.384

51, 13.991, 319.748

Rectangle

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

55, 13.891, 138.384

55, 13.891, 188.384

55, 13.891, 318.384

55, 13.891, 8.384

Sweetspot

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

55, 13.892, 138.385

72, 5.583, 138.907

55, 9.753, 98.692

37, 3.796, 138.876

87, 0.010, 296.813

38, 0.005, 296.813

Same Dimension

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

55, 13.892, 138.385

70, 20.238, 138.225

55, 11.916, 153.221

29, 5.113, 138.703

48, 72.224, 134.501

1, 2.367, 139.096

Inverse Universe

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

51, 13.991, 319.748

64, 20.404, 319.881

51, 11.995, 335.297

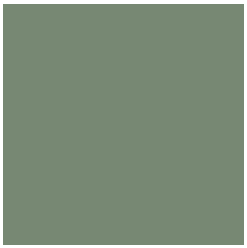
27, 5.139, 319.469

26, 72.320, 321.222

0, 2.367, 319.092

Previews

White Background

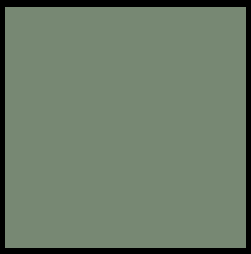


This preview shows how the CIELCh color 55, 13.891, 138.384 looks on a white background.

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



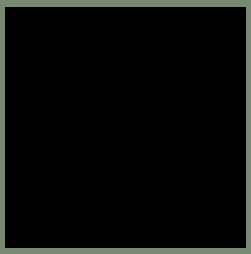
This preview shows how the CIELCh color 55, 13.891, 138.384 looks on a black background.

Color Contrast Check

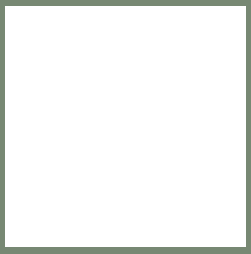
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 55, 13.891, 138.384 Background



This preview shows how black text looks on a background with the CIELCh color 55, 13.891, 138.384.

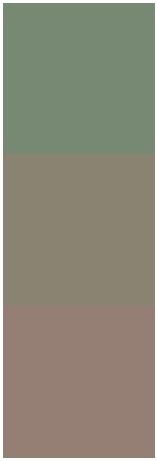


This preview shows how white text looks on a background with the CIELCh color 55, 13.891, 138.384.

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



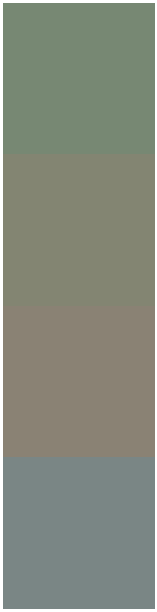
Original Color
55, 13.891, 138.384

Protanopia
55, 10.698, 93.006

Deuteranopia
55, 10.904, 51.662

Tritanopia
55, 6.596, 260.010

Trichromacy



Original Color
55, 13.891, 138.384

Protanomaly
55, 10.883, 113.206

Deuteranomaly
55, 8.675, 86.648

Tritanomaly
55, 4.684, 191.955

Monochromacy

Original Color
55, 13.891, 138.384

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.200, 137.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 13.891, 138.384 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(119, 136, 115) looks like.

```
.text, #text, p{
    color:rgb(119, 136, 115)
}
```

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(119, 136, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 136, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 13.891, 138.384 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(119, 136, 115) }
```

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

```
.border{ border-color:rgb(119, 136, 115) }
```

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

Here you see how a box with a 4 pixel rgb(119, 136, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 136, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 136, 115); box-shadow:4px 4px 4px 4px rgb(119, 136, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 13.891, 138.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(119, 136, 115) }
```

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

```
.background{ background-color:rgb(119,
136, 115) }
```

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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