

Converting Colors

CIELCh(55, 18.152, 51.627)

Have a look what the booklet for
CIELCh(55, 18.152, 51.627) contains.

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Color

CIELCh(55, 17.870, 51.206)

Conversions

Conversions Part 1

Format	Color
Hex	9F7C6C
RGB	159, 124, 108
RGB Percent	62%, 49%, 42%
CMY	0.3758, 0.5131, 0.5759
CMYK	0.00, 0.22, 0.32, 0.38
HSL	19°, 21%, 52%
HSV	19°, 32%, 62%
XYZ	24.2746, 22.9298, 17.3776
YIQ	132.6410, 25.9960, 2.4440

Conversions

Conversions Part 2

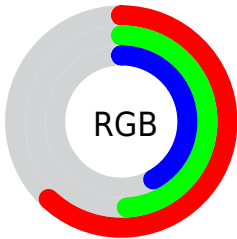
Format	Color
R_{YB}	159, 131, 108
Decimal	10452076
CIE _{Lab}	55.00, 11.20, 13.93
CIE _{LCh}	55, 17.870, 51.206
Yxy	22.9298, 0.3759, 0.3550
Android (android.graphics.Color)	4288642156 (0xFF9F7C6C)
YUV	132.6410, -12.1480, 23.1168
Hunter-Lab	47.8851, 6.6890, 12.0031

Details

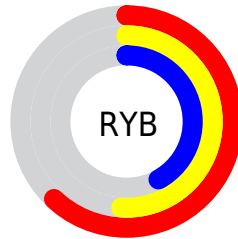
The CIELCh color **55, 17.870, 51.206** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 14.850, 236.647**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 18.151, 52.368**, and **35, 17.544, 50.516** is the 20% darker color. If you saturate the color by 10%, you get **52, 24.345, 50.741**, and if you desaturate by 10%, it is **58, 11.842, 51.768**.

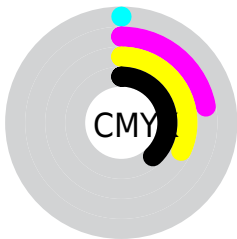
Distribution



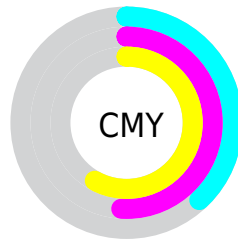
- Red (62%)
- Green (49%)
- Blue (42%)



- Red (62%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 17.870, 51.206 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, 17.870, 51.206 by changing the saturation by 10% instead.

■ 55, 17.870, 51.206

■ 55, 17.870, 51.206

■ 100, 17.870,
51.206

■ 45, 17.870, 51.206

■ 75, 17.870, 51.206

■ 35, 17.870, 51.206

■ 85, 17.870, 51.206

■ 25, 17.870, 51.206

■ 95, 17.870, 51.206

■ 15, 17.870, 51.206

■ 5, 17.870, 51.206

■ 0, 17.870, 51.206

■ 55, 17.870, 51.206

■ 55, 17.870, 51.206

■ 52, 24.345, 50.741

■ 58, 11.842, 51.768

■ 49, 31.272, 50.369

■ 62, 6.238, 52.372

46, 38.611, 50.099

65, 1.021, 52.714

43, 46.234, 49.894

68, 3.848, 233.954

41, 53.830, 49.631

72, 8.408, 234.633

39, 60.728, 49.001

75, 12.695,
235.362

37, 65.706, 48.500

79, 16.743,
236.099

82, 20.580,
236.830

85, 24.234,
237.550

Harmonies

Complementary

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



55, 17.870, 51.206



57, 14.850, 236.647

Rectangle

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



55, 17.870, 51.206



55, 17.870, 101.206



55, 17.870, 231.206



55, 17.870, 281.206

Sweetspot

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



55, 17.869, 51.213



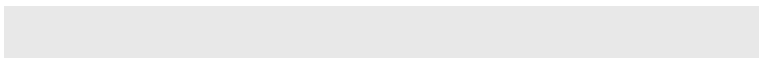
79, 6.358, 52.484



52, 28.404, 336.568



41, 4.394, 52.404



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



55, 17.869, 51.213



68, 26.863, 50.888



62, 23.113, 96.728



32, 2.882, 52.539



33, 60.419, 48.775



2, 3.668, 51.255

Inverse Universe

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



57, 14.850, 236.647



71, 21.338, 237.703



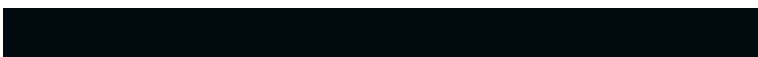
50, 23.985, 284.897



32, 2.750, 234.089



39, 32.180, 257.486



2, 3.668, 237.639

Previews

White Background



This preview shows how the CIELCh color 55, 17.870, 51.206 looks on a white background.

Color Contrast Check

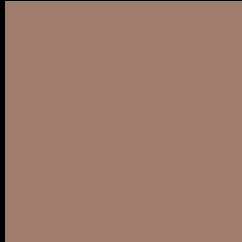
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.870, 51.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

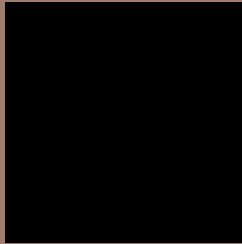
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 17.870, 51.206

Background



This preview shows how black text looks on a background with the CIELCh color 55, 17.870, 51.206.



This preview shows how white text looks on a background with the CIELCh color 55, 17.870, 51.206.

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, 17.870, 51.206

Protanopia

55, 11.787, 94.329

Deuteranopia

55, 15.726, 63.467



Tritanopia
55, 17.451, 4.415

Trichromacy



Original Color
55, 17.870, 51.206

Protanomaly
55, 12.620, 74.017

Deuteranomaly
55, 16.346, 59.015

Tritanomaly
55, 16.280, 21.205

Monochromacy



Original Color
55, 17.870, 51.206

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 6.327, 52.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 17.870, 51.206 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(159, 124, 108)` looks like.

```
.text, #text, p{  
    color:rgb(159, 124, 108)  
}
```

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(159, 124, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 124, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 17.870, 51.206 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(159, 124, 108) }
```

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

```
.border{ border-color:rgb(159, 124, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 124, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 124, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 124, 108);  
box-shadow:4px 4px 4px 4px rgb(159, 124,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 17.870, 51.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 124, 108) }
```

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

```
.background{ background-color: rgb(159,  
124, 108) }
```

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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