

Converting Colors

CIELCh(55, 17.874, 4.885)

Have a look what the booklet for
CIELCh(55, 17.874, 4.885) contains.

CIELCh(55, 17.848, 4.866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 17.848, 4.866)

Conversions

Conversions Part 1

Format	Color
Hex	A37982
RGB	163, 121, 130
RGB Percent	64%, 47%, 51%
CMY	0.3623, 0.5269, 0.4917
CMYK	0.00, 0.26, 0.20, 0.36
HSL	347°, 19%, 56%
HSV	347°, 26%, 64%
XYZ	25.8186, 22.9298, 24.0518
YIQ	134.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

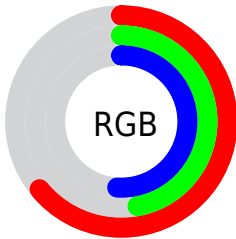
Format	Color
R_{YB}	163, 121, 130
Decimal	10713474
CIE _{Lab}	55.00, 17.78, 1.51
CIE _{LCh}	55, 17.848, 4.866
Yxy	22.9298, 0.3546, 0.3150
Android (android.graphics.Color)	4288903554 (0xFFA37982)
YUV	134.5840, -2.2599, 24.9208
Hunter-Lab	47.8851, 12.4442, 3.7394

Details

The CIELCh color $55, 17.848, 4.866$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $64, 16.156, 179.820$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 17.835, 5.335$, and $35, 17.692, 4.241$ is the 20% darker color. If you saturate the color by 10%, you get $51, 25.239, 6.309$, and if you desaturate by 10%, it is $59, 10.686, 3.661$.

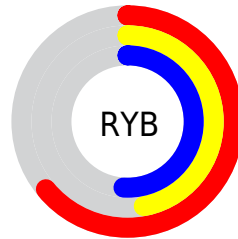
Distribution



Red (64%)

Green (47%)

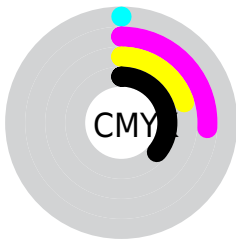
Blue (51%)



Red (64%)

Yellow (47%)

Blue (51%)

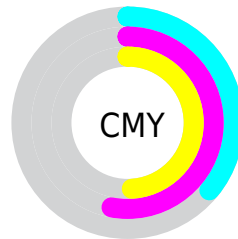


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (36%)



Cyan (36%)


Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 17.848, 4.866 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, 17.848, 4.866 by changing the saturation by 10% instead.

 55, 17.848, 4.866  55, 17.848, 4.866

 100, 17.848, 4.866  45, 17.848, 4.866

 75, 17.848, 4.866  35, 17.848, 4.866


 85, 17.848, 4.866  25, 17.848, 4.866

 95, 17.848, 4.866  15, 17.848, 4.866

 5, 17.848, 4.866

 0, 17.848, 4.866

 55, 17.848, 4.866  55, 17.848, 4.866

 51, 25.239, 6.309  59, 10.686, 3.661

 47, 32.730, 8.064  64, 3.832, 2.577

43, 40.108, 10.245

69, 2.683, 181.980

40, 47.101, 12.989

74, 8.857, 181.106

37, 53.424, 16.447

78, 14.706,
180.412

35, 58.885, 20.723

83, 20.250,
179.801

34, 63.509, 25.739

34, 65.447, 27.772

88, 25.518,
179.253

93, 30.535,
178.757

94, 29.972,
187.182

Harmonies

Complementary

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



55, 17.848, 4.866



64, 16.156, 179.820

Rectangle

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



55, 17.848, 4.866



55, 17.848, 54.866



55, 17.848, 184.866



55, 17.848, 234.866

Sweetspot

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



55, 17.846, 4.870



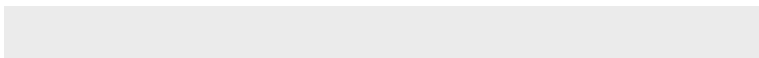
80, 6.575, 2.833



55, 27.052, 319.420



42, 4.727, 2.988



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



55, 17.846, 4.870



67, 26.874, 5.667



58, 14.416, 48.137



32, 3.773, 2.952



30, 60.007, 27.192



1, 5.697, 3.696

Inverse Universe

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



55, 17.846, 4.870



67, 26.874, 5.667



61, 12.354, 231.668



32, 3.773, 2.952



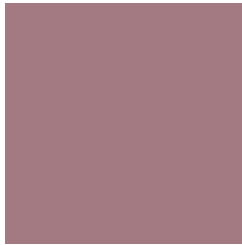
30, 60.007, 27.192



1, 5.697, 3.696

Previews

White Background



This preview shows how the CIELCh color 55, 17.848, 4.866 looks on a white background.

Color Contrast Check

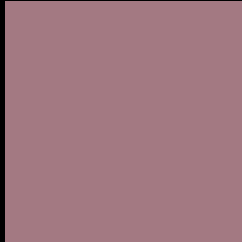
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.848, 4.866 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, 17.848, 4.866

Background



This preview shows how black text looks on a background with the CIELCh color 55, 17.848, 4.866.



This preview shows how white text looks on a background with the CIELCh color 55, 17.848, 4.866.

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, 17.848, 4.866

Protanopia

55, 2.992, 305.654

Deuteranopia

55, 7.306, 20.134



Tritanopia
55, 17.848, 4.866

Trichromacy



Original Color
55, 17.848, 4.866

Protanomaly
55, 7.888, 349.698

Deuteranomaly
55, 11.212, 8.913

Tritanomaly
55, 17.848, 4.866

Monochromacy



Original Color
55, 17.848, 4.866

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 6.256, 4.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 17.848, 4.866 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(163, 121, 130)` looks like.

```
.text, #text, p{  
    color:rgb(163, 121, 130)  
}
```

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(163, 121, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 121, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 17.848, 4.866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

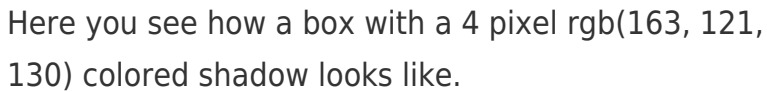
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 121, 130) }
```

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

```
.border{ border-color:rgb(163, 121, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 121, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 121, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 121, 130); box-shadow:4px 4px 4px 4px rgb(163, 121, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 17.848, 4.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 121, 130) }
```

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

```
.background{ background-color: rgb(163,  
121, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor