

Converting Colors

CIELCh(55, 15.662, 69.424)

Have a look what the booklet for
CIELCh(55, 15.662, 69.424) contains.

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Color

CIELCh(55, 15.672, 69.490)

Conversions

Conversions Part 1

Format	Color
Hex	97806B
RGB	151, 128, 107
RGB Percent	59%, 50%, 42%
CMY	0.4095, 0.4996, 0.5819
CMYK	0.00, 0.15, 0.29, 0.41
HSL	29°, 17%, 50%
HSV	29°, 29%, 59%
XYZ	22.9884, 22.9298, 17.0194
YIQ	132.4830, 20.4490, -1.6550

Conversions

Conversions Part 2

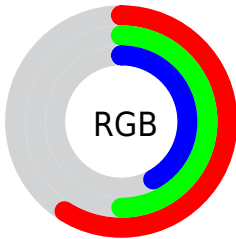
Format	Color
R_{YB}	151, 147, 107
Decimal	9928811
CIE _{Lab}	55.00, 5.49, 14.68
CIE _{LCh}	55, 15.672, 69.490
Yxy	22.9298, 0.3653, 0.3643
Android (android.graphics.Color)	4288118891 (0xFF97806B)
YUV	132.4830, -12.5631, 16.2394
Hunter-Lab	47.8851, 1.8943, 12.4467

Details

The CIELCh color **55, 15.672, 69.490** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 14.331, 257.272**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 15.941, 70.315**, and **35, 15.365, 69.513** is the 20% darker color. If you saturate the color by 10%, you get **53, 21.576, 68.321**, and if you desaturate by 10%, it is **57, 10.049, 70.667**.

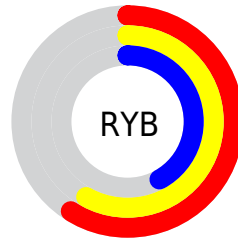
Distribution



Red (59%)

Green (50%)

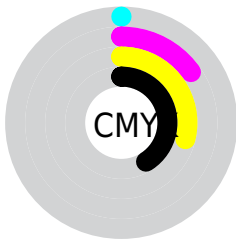
Blue (42%)



Red (59%)

Yellow (58%)

Blue (42%)

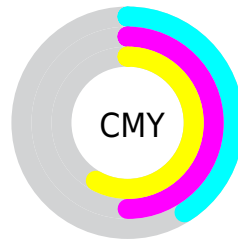


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (41%)



Cyan (41%)

Magenta (50%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 15.672, 69.490 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, 15.672, 69.490 by changing the saturation by 10% instead.

■ 55, 15.672, 69.490

■ 55, 15.672, 69.490

■ 100, 15.672,
69.490

■ 45, 15.672, 69.490

■ 75, 15.672, 69.490

■ 35, 15.672, 69.490

■ 85, 15.672, 69.490

■ 25, 15.672, 69.490

■ 95, 15.672, 69.490

■ 15, 15.672, 69.490

■ 5, 15.672, 69.490

■ 0, 15.672, 69.490

■ 55, 15.672, 69.490














■ 55, 15.672, 69.490

■ 53, 21.576, 68.321

■ 57, 10.049, 70.667

■ 50, 27.754, 67.141

■ 60, 4.697, 71.803

 48, 34.160, 65.948	 63, 0.406, 253.795
 46, 40.669, 64.706	 65, 5.282, 254.216
 44, 47.017, 63.320	 68, 9.956, 255.289
 42, 52.692, 61.591	 70, 14.451, 256.346
 40, 57.473, 59.548	
	 73, 18.786, 257.369
 40, 57.895, 59.425	
	 76, 22.981, 258.353
	 78, 27.052, 259.296

Harmonies

Complementary

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



55, 15.672, 69.490



53, 14.331, 257.272

Rectangle

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



55, 15.672, 69.490



55, 15.672, 119.490



55, 15.672, 249.490



55, 15.672, 299.490

Sweetspot

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



55, 15.672, 69.498



76, 5.705, 71.805



50, 22.161, 344.420



40, 4.009, 71.656



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



55, 15.672, 69.498



68, 23.708, 68.732



61, 23.616, 105.982



31, 2.924, 71.799



37, 54.890, 59.683



2, 3.088, 72.027

Inverse Universe

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



53, 14.331, 257.272



66, 21.193, 258.567



47, 25.177, 292.353



31, 2.854, 254.140



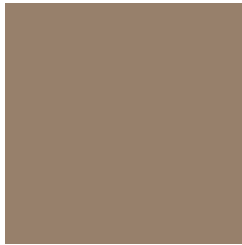
31, 43.293, 280.628



2, 3.123, 253.913

Previews

White Background



This preview shows how the CIELCh color 55, 15.672, 69.490 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 CIE LCh color 55, 15.672, 69.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

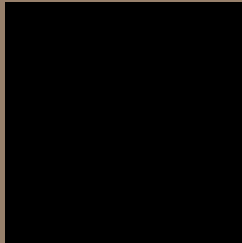
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 15.672, 69.490

Background



This preview shows how black text looks on a background with the CIELCh color 55, 15.672, 69.490.



This preview shows how white text looks on a background with the CIELCh color 55, 15.672, 69.490.

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, 15.672, 69.490

Protanopia

55, 14.009, 96.255

Deuteranopia

55, 16.154, 64.783



Tritanopia
55, 13.121, 357.868

Trichromacy



Original Color
55, 15.672, 69.490

Protanomaly
55, 14.298, 85.683

Deuteranomaly
55, 15.843, 65.891

Tritanomaly
55, 11.662, 26.208

Monochromacy



Original Color
55, 15.672, 69.490

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.428, 67.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 15.672, 69.490 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(151, 128, 107)` looks like.

```
.text, #text, p{  
    color:rgb(151, 128, 107)  
}
```

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(151, 128, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 128, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 15.672, 69.490 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(151, 128, 107) }
```

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

```
.border{ border-color:rgb(151, 128, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 128, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 128, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 128, 107);  
box-shadow:4px 4px 4px 4px rgb(151, 128,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 15.672, 69.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 128, 107) }
```

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

```
.background{ background-color: rgb(151,  
128, 107) }
```

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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