

Converting Colors

CIELCh(55, 44.462, 38.954)

Have a look what the booklet for
CIELCh(55, 44.462, 38.954) contains.

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Color

CIELCh(55, 44.523, 39.141)

Conversions

Conversions Part 1

Format	Color
Hex	C66A55
RGB	198, 106, 85
RGB Percent	78%, 42%, 33%
CMY	0.2240, 0.5847, 0.6671
CMYK	0.00, 0.46, 0.57, 0.22
HSL	11°, 50%, 55%
HSV	11°, 57%, 78%
XYZ	30.0354, 22.9298, 11.4166
YIQ	131.1140, 61.5730, 12.9730

Conversions

Conversions Part 2

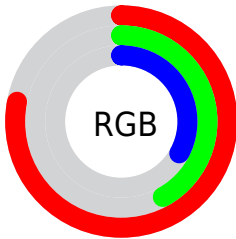
Format	Color
RYB	198, 111, 85
Decimal	13003349
CIELab	55.00, 34.53, 28.10
CIELCh	55, 44.523, 39.141
Yxy	22.9298, 0.4665, 0.3562
Android (android.graphics.Color)	4291193429 (0xFFC66A55)
YUV	131.1140, -22.7342, 58.6590
Hunter-Lab	47.8851, 28.1632, 19.3839

Details

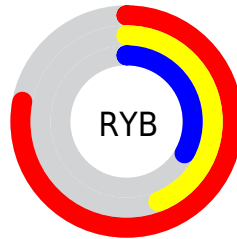
The CIELCh color **55, 44.523, 39.141** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **68, 28.491, 221.749**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 43.130, 39.732**, and **35, 44.758, 39.287** is the 20% darker color. If you saturate the color by 10%, you get **51, 54.144, 40.085**, and if you desaturate by 10%, it is **59, 35.338, 38.456**.

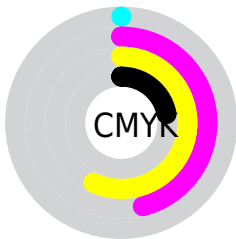
Distribution



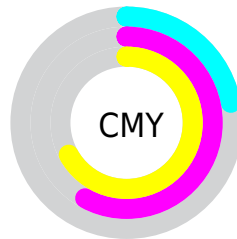
- Red (78%)
- Green (42%)
- Blue (33%)



- Red (78%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (46%)
- Yellow (57%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 44.523, 39.141 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, 44.523, 39.141 by changing the saturation by 10% instead.

 55, 44.523, 39.141

 55, 44.523, 39.141

 100, 44.523,
39.141

 45, 44.523, 39.141

 75, 44.523, 39.141

 35, 44.523, 39.141

 85, 44.523, 39.141

 25, 44.523, 39.141

 95, 44.523, 39.141

 15, 44.523, 39.141

 5, 44.523, 39.141

 0, 44.523, 39.141

 55, 44.523, 39.141

 55, 44.523, 39.141

 51, 54.144, 40.085

 59, 35.338, 38.456

 48, 63.910, 41.215

 63, 26.724, 38.006

46, 73.162, 42.282

67, 18.724, 37.757

44, 80.605, 42.738

72, 11.331, 37.662

43, 82.586, 42.975

77, 4.512, 37.640

81, 1.779, 218.210

86, 7.597, 218.193

91, 12.995,
218.431

95, 17.455,
205.351

Harmonies

Complementary

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



55, 44.523, 39.141



68, 28.491, 221.749

Rectangle

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



55, 44.523, 39.141



55, 44.523, 89.141



55, 44.523, 219.141



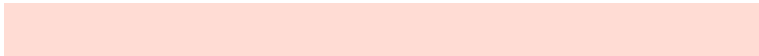
55, 44.523, 269.141

Sweetspot

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



55, 44.521, 39.145



90, 13.854, 37.663



54, 62.757, 333.687



47, 9.346, 37.673



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 44.521, 39.145



64, 69.022, 40.404



68, 44.718, 84.879



39, 3.657, 37.649



36, 71.225, 43.273



5, 14.262, 30.216

Inverse Universe

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



68, 28.491, 221.749



83, 38.911, 224.024



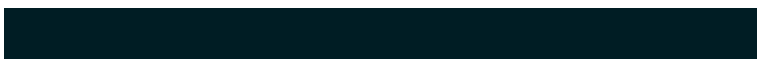
51, 45.344, 283.366



41, 3.448, 218.148



51, 31.271, 232.103



9, 11.213, 223.733

Previews

White Background



This preview shows how the CIELCh color 55, 44.523, 39.141 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, 44.523, 39.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

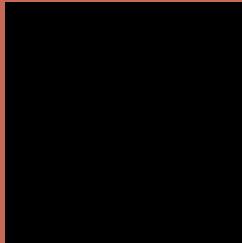
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 44.523, 39.141

Background



This preview shows how black text looks on a background with the CIELCh color 55, 44.523, 39.141.

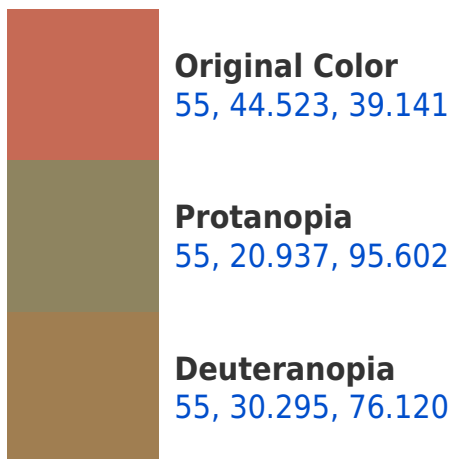


This preview shows how white text looks on a background with the CIELCh color 55, 44.523, 39.141.

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, 41.922, 18.922

Trichromacy



Original Color
55, 44.523, 39.141

Protanomaly
55, 25.316, 64.230

Deuteranomaly
55, 33.732, 59.074

Tritanomaly
55, 42.223, 26.219

Monochromacy



Original Color
55, 44.523, 39.141

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 14.827, 38.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 44.523, 39.141 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(198, 106, 85)` looks like.

```
.text, #text, p{  
    color:rgb(198, 106, 85)  
}
```

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(198, 106, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 106, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 44.523, 39.141 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(198, 106, 85) }
```

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

```
.border{ border-color:rgb(198, 106, 85) }
```

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

Here you see how a box with a 4 pixel rgb(198, 106, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 106, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 106, 85);  
box-shadow:4px 4px 4px 4px rgb(198, 106,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 44.523, 39.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 106, 85) }
```

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

```
.background{ background-color: rgb(198,  
106, 85) }
```

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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