

Converting Colors

CIELCh(69, 40.156, 55.569)

Have a look what the booklet for
CIELCh(69, 40.156, 55.569) contains.

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Color

CIELCh(69, 39.870, 55.770)

Conversions

Conversions Part 1

Format	Color
Hex	E0986E
RGB	224, 152, 110
RGB Percent	88%, 60%, 43%
CMY	0.1223, 0.4045, 0.5692
CMYK	0.00, 0.32, 0.51, 0.12
HSL	22°, 65%, 65%
HSV	22°, 51%, 88%
XYZ	44.6920, 39.3444, 19.9464
YIQ	168.7400, 56.3940, 2.2020

Conversions

Conversions Part 2

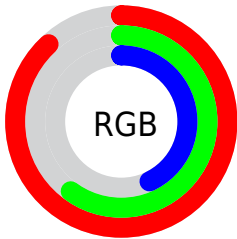
Format	Color
R_{YB}	224, 177, 110
Decimal	14719086
CIE _{Lab}	69.00, 22.43, 32.96
CIE _{LCh}	69, 39.870, 55.770
Yxy	39.3444, 0.4298, 0.3784
Android (android.graphics.Color)	4292909166 (0xFFE0986E)
YUV	168.7400, -28.9588, 48.4630
Hunter-Lab	62.7251, 17.4134, 25.0535

Details

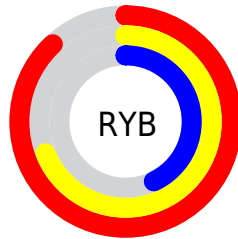
The CIELCh color **69, 39.870, 55.770** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 30.129, 248.417**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 30.774, 69.161**, and **49, 40.137, 56.201** is the 20% darker color. If you saturate the color by 10%, you get **65, 49.274, 55.107**, and if you desaturate by 10%, it is **73, 30.950, 56.498**.

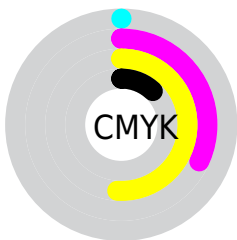
Distribution



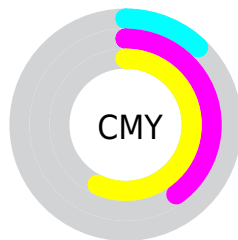
- Red (88%)
- Green (60%)
- Blue (43%)



- Red (88%)
- Yellow (69%)
- Blue (43%)



- Cyan (0%)
- Magenta (32%)
- Yellow (51%)
- Black (12%)



- Cyan (12%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 39.870, 55.770 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 69, 39.870, 55.770 by changing the saturation by 10% instead.

69, 39.870, 55.770

69, 39.870, 55.770

100, 39.870,
55.770

59, 39.870, 55.770

89, 39.870, 55.770

49, 39.870, 55.770

99, 39.870, 55.770

39, 39.870, 55.770

29, 39.870, 55.770

19, 39.870, 55.770

9, 39.870, 55.770

0, 39.870, 55.770

69, 39.870, 55.770

69, 39.870, 55.770

65, 49.274, 55.107

73, 30.950, 56.498

62, 58.975, 54.446

77, 22.579, 57.285

59, 68.514, 53.649

81, 14.754, 58.122

56, 76.943, 52.389

85, 7.444, 58.979

54, 82.876, 50.671

89, 0.603, 59.125

93, 5.818, 240.982

97, 9.332, 212.320

98, 10.559,
198.802

Harmonies

Complementary

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



69, 39.870, 55.770



71, 30.129, 248.417

Rectangle

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



69, 39.870, 55.770



69, 39.870, 105.770



69, 39.870, 235.770



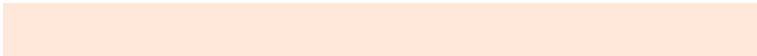
69, 39.870, 285.770

Sweetspot

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



69, 39.869, 55.775



93, 11.527, 58.622



62, 55.769, 341.588



49, 7.921, 58.439



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 39.869, 55.775



74, 54.931, 55.073



83, 50.976, 98.467



45, 3.859, 59.103



43, 68.854, 51.277



10, 20.255, 46.110

Inverse Universe

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



71, 30.129, 248.417



76, 38.805, 251.522



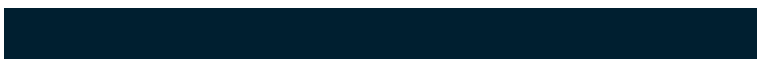
55, 56.502, 292.364



45, 3.700, 241.092



45, 41.795, 267.560



10, 15.412, 257.495

Previews

White Background



This preview shows how the CIELCh color 69, 39.870, 55.770 looks on a white background.

Color Contrast Check

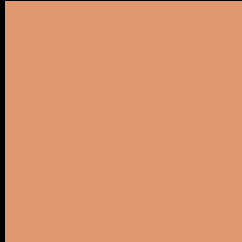
Large Text (above 18pt) WCAG AA × Fail

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 69, 39.870, 55.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

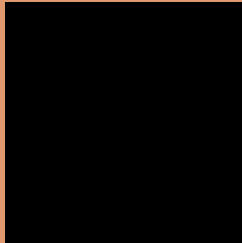
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 39.870, 55.770

Background



This preview shows how black text looks on a background with the CIELCh color 69, 39.870, 55.770.



This preview shows how white text looks on a background with the CIELCh color 69, 39.870, 55.770.

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](#).

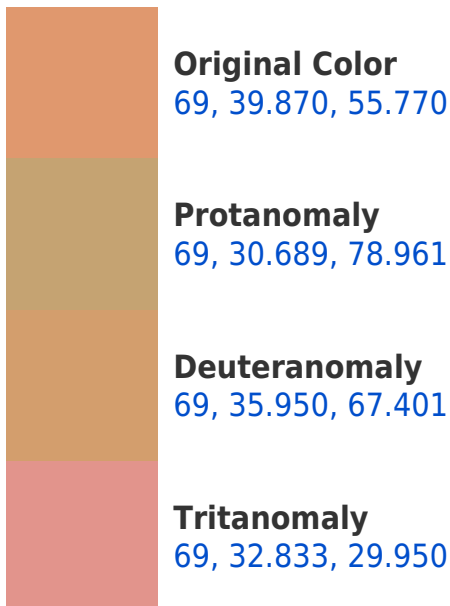
Dichromacy





Tritanopia
69, 33.137, 12.547

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 39.870, 55.770 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(224, 152, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 152, 110)  
}
```

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(224, 152, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 152, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 39.870, 55.770 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(224, 152, 110) }
```

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

```
.border{ border-color:rgb(224, 152, 110) }
```

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

Here you see how a box with a 4 pixel rgb(224, 152, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 152, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 152, 110);  
box-shadow:4px 4px 4px 4px rgb(224, 152,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 39.870, 55.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 152, 110) }
```

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

```
.background{ background-color: rgb(224,  
152, 110) }
```

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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