

Converting Colors

CIELCh(55, 16.405, 49.579)

Have a look what the booklet for
CIELCh(55, 16.405, 49.579) contains.

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Color

CIELCh(55, 16.405, 49.579)

Conversions

Conversions Part 1

Format	Color
Hex	9E7D6F
RGB	158, 125, 111
RGB Percent	62%, 49%, 44%
CMY	0.3821, 0.5114, 0.5663
CMYK	0.00, 0.21, 0.30, 0.38
HSL	18°, 19%, 53%
HSV	18°, 30%, 62%
XYZ	24.1466, 22.9298, 18.0782
YIQ	133.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

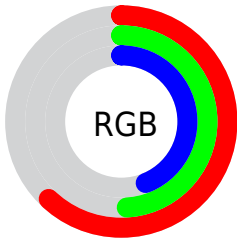
Format	Color
R_{YB}	158, 131, 111
Decimal	10386799
CIE _{Lab}	55.00, 10.64, 12.49
CIE _{LCh}	55, 16.405, 49.579
Yxy	22.9298, 0.3706, 0.3519
Android (android.graphics.Color)	4288576879 (0xFF9E7D6F)
YUV	133.2710, -10.9796, 21.6873
Hunter-Lab	47.8851, 6.2115, 11.1357

Details

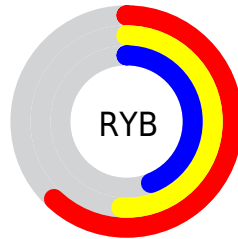
The CIELCh color **55, 16.405, 49.579** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 13.755, 234.143**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 16.142, 50.093**, and **35, 16.690, 49.670** is the 20% darker color. If you saturate the color by 10%, you get **52, 22.765, 49.184**, and if you desaturate by 10%, it is **58, 10.494, 50.075**.

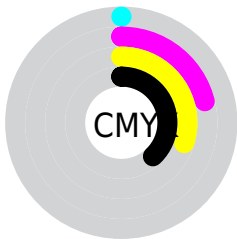
Distribution



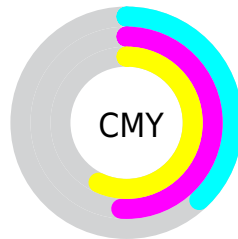
- Red (62%)
- Green (49%)
- Blue (44%)



- Red (62%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 16.405, 49.579 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, 16.405, 49.579 by changing the saturation by 10% instead.

■ 55, 16.405, 49.579

■ 55, 16.405, 49.579

■ 100, 16.405,
49.579

■ 45, 16.405, 49.579

■ 75, 16.405, 49.579

■ 35, 16.405, 49.579

■ 85, 16.405, 49.579

■ 25, 16.405, 49.579

■ 95, 16.405, 49.579

■ 15, 16.405, 49.579

■ 5, 16.405, 49.579

■ 0, 16.405, 49.579

■ 55, 16.405, 49.579







■ 55, 16.405, 49.579

■ 52, 22.765, 49.184

■ 58, 10.494, 50.075

■ 49, 29.586, 48.891

■ 62, 5.005, 50.607

 46, 36.841, 48.716	 65, 0.099, 235.611
 43, 44.429, 48.637	 68, 4.858, 232.072
 41, 52.096, 48.559	 72, 9.311, 232.715
 38, 59.276, 48.224	 75, 13.495, 233.396
 37, 65.622, 47.731	 79, 17.442, 234.085
 36, 65.756, 47.738	 82, 21.181, 234.770
	 86, 24.739, 235.446

Harmonies

Complementary

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



55, 16.405, 49.579



58, 13.755, 234.143

Rectangle

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



55, 16.405, 49.579



55, 16.405, 99.579



55, 16.405, 229.579



55, 16.405, 279.579

Sweetspot

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



55, 16.404, 49.587



78, 5.656, 50.639



52, 26.514, 335.682



41, 3.941, 50.569



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



55, 16.404, 49.587



67, 25.105, 49.299



61, 20.979, 95.927



32, 2.888, 50.635



33, 60.900, 47.947



2, 3.676, 49.400

Inverse Universe

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



58, 13.755, 234.143



71, 20.076, 235.118



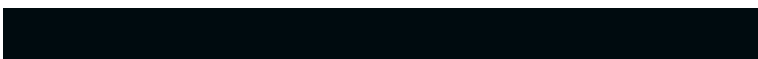
51, 21.609, 283.533



32, 2.751, 232.067



40, 31.403, 254.591



2, 3.664, 235.713

Previews

White Background



This preview shows how the CIELCh color 55, 16.405, 49.579 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, 16.405, 49.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

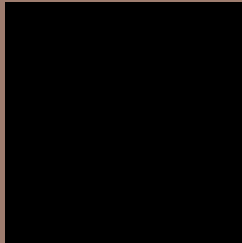
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 16.405, 49.579

Background



This preview shows how black text looks on a background with the CIELCh color 55, 16.405, 49.579.



This preview shows how white text looks on a background with the CIELCh color 55, 16.405, 49.579.

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, 16.405, 49.579

Protanopia

55, 10.575, 95.213

Deuteranopia

55, 14.566, 61.701



Tritanopia
55, 16.242, 2.929

Trichromacy



Original Color
55, 16.405, 49.579

Protanomaly
55, 11.411, 72.757

Deuteranomaly
55, 15.222, 56.994

Tritanomaly
55, 14.933, 18.878

Monochromacy



Original Color
55, 16.405, 49.579

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 5.660, 50.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 16.405, 49.579 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(158, 125, 111)` looks like.

```
.text, #text, p{  
    color:rgb(158, 125, 111)  
}
```

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(158, 125, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 125, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 16.405, 49.579 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(158, 125, 111) }
```

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

```
.border{ border-color:rgb(158, 125, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 125, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 125, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 125, 111);  
box-shadow:4px 4px 4px 4px rgb(158, 125,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 16.405, 49.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 125, 111) }
```

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

```
.background{ background-color: rgb(158,  
125, 111) }
```

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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