

Converting Colors

CIELCh(55, 27.536, 49.513)

Have a look what the booklet for
CIELCh(55, 27.536, 49.513) contains.

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Color

CIELCh(55, 27.590, 49.506)

Conversions

Conversions Part 1

Format	Color
Hex	AC7760
RGB	172, 119, 96
RGB Percent	67%, 47%, 38%
CMY	0.3241, 0.5321, 0.6223
CMYK	0.00, 0.31, 0.44, 0.32
HSL	18°, 32%, 53%
HSV	18°, 44%, 68%
XYZ	25.8502, 22.9298, 14.2036
YIQ	132.2250, 38.9710, 4.0830

Conversions

Conversions Part 2

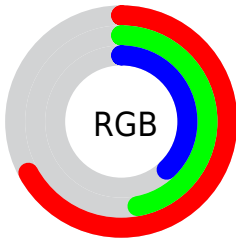
Format	Color
RYB	172, 129, 96
Decimal	11302752
CIELab	55.00, 17.92, 20.98
CIELCh	55, 27.590, 49.506
Yxy	22.9298, 0.4104, 0.3641
Android (android.graphics.Color)	4289492832 (0xFFAC7760)
YUV	132.2250, -17.8589, 34.8827
Hunter-Lab	47.8851, 12.5623, 15.9331

Details

The CIELCh color **55, 27.590, 49.506** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59, 20.913, 237.113**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 27.480, 48.738**, and **35, 27.622, 49.773** is the 20% darker color. If you saturate the color by 10%, you get **52, 35.134, 49.239**, and if you desaturate by 10%, it is **58, 20.533, 49.897**.

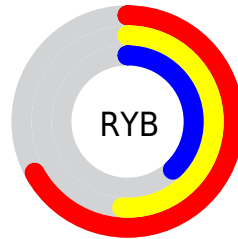
Distribution



Red (67%)

Green (47%)

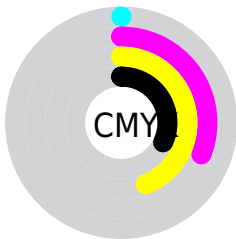
Blue (38%)



Red (67%)

Yellow (51%)

Blue (38%)

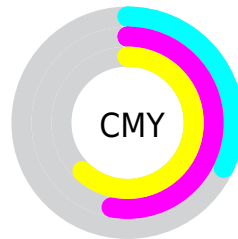


Cyan (0%)

Magenta (31%)

Yellow (44%)

Black (32%)



Cyan (32%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 27.590, 49.506 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, 27.590, 49.506 by changing the saturation by 10% instead.

■ 55, 27.590, 49.506

■ 55, 27.590, 49.506

■ 100, 27.590,
49.506

■ 45, 27.590, 49.506

■ 75, 27.590, 49.506

■ 35, 27.590, 49.506

■ 85, 27.590, 49.506

■ 25, 27.590, 49.506

■ 95, 27.590, 49.506

■ 15, 27.590, 49.506

■ 5, 27.590, 49.506

■ 0, 27.590, 49.506

■ 55, 27.590, 49.506

■ 55, 27.590, 49.506

■ 52, 35.134, 49.239

■ 58, 20.533, 49.897

■ 49, 43.108, 49.076

■ 62, 13.970, 50.379

46, 51.336, 48.973

65, 7.876, 50.927

43, 59.407, 48.767

69, 2.214, 51.414

41, 66.455, 48.071

73, 3.058, 232.439

40, 70.256, 47.728

76, 7.984, 233.048

80, 12.604,
233.740

84, 16.955,
234.447

87, 21.071,
235.154

Harmonies

Complementary

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



55, 27.590, 49.506



59, 20.913, 237.113

Rectangle

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



55, 27.590, 49.506



55, 27.590, 99.506



55, 27.590, 229.506



55, 27.590, 279.506

Sweetspot

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



55, 27.589, 49.511



83, 8.957, 50.978



51, 41.319, 337.594



43, 6.310, 50.857



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



55, 27.589, 49.511



67, 42.616, 49.243



65, 33.907, 95.245



35, 3.117, 51.194



35, 63.303, 48.094



3, 6.475, 45.032

Inverse Universe

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



59, 20.913, 237.113



73, 29.976, 239.185



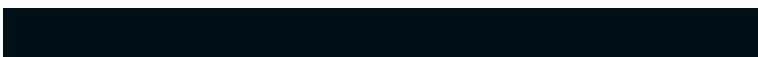
48, 35.925, 287.299



35, 2.969, 232.677



42, 32.924, 255.719



4, 6.462, 243.071

Previews

White Background



This preview shows how the CIELCh color 55, 27.590, 49.506 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, 27.590, 49.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

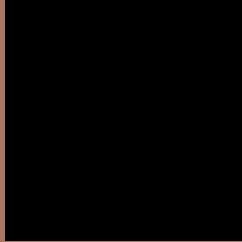
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 27.590, 49.506

Background



This preview shows how black text looks on a background with the CIELCh color 55, 27.590, 49.506.



This preview shows how white text looks on a background with the CIELCh color 55, 27.590, 49.506.

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, 27.590, 49.506

Protanopia

55, 17.528, 95.286

Deuteranopia

55, 22.697, 70.600



Tritanopia
55, 25.363, 10.970

Trichromacy



Original Color
55, 27.590, 49.506

Protanomaly
55, 19.086, 73.232

Deuteranomaly
55, 24.401, 62.660

Tritanomaly
55, 24.532, 26.113

Monochromacy



Original Color
55, 27.590, 49.506

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 9.145, 49.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 27.590, 49.506 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(172, 119, 96)` looks like.

```
.text, #text, p{  
    color:rgb(172, 119, 96)  
}
```

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(172, 119, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 119, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 27.590, 49.506 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(172, 119, 96) }
```

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

```
.border{ border-color:rgb(172, 119, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 119, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 119, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 119, 96); box-shadow:4px 4px 4px 4px rgb(172, 119, 96) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 27.590, 49.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 119, 96) }
```

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

```
.background{ background-color: rgb(172,  
119, 96) }
```

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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