

Converting Colors

CIELCh(55, 27.290, 45.629)

Have a look what the booklet for
CIELCh(55, 27.290, 45.629) contains.

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Color

CIELCh(55, 27.007, 46.278)

Conversions

Conversions Part 1

Format	Color
Hex	AD7763
RGB	173, 119, 99
RGB Percent	68%, 47%, 39%
CMY	0.3221, 0.5338, 0.6122
CMYK	0.00, 0.31, 0.43, 0.32
HSL	16°, 31%, 53%
HSV	16°, 43%, 68%
XYZ	26.0302, 22.9298, 14.8273
YIQ	132.8660, 38.6040, 5.2280

Conversions

Conversions Part 2

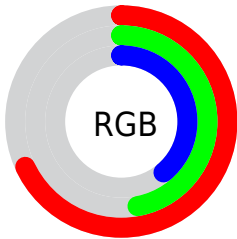
Format	Color
R_{YB}	173, 126, 99
Decimal	11368291
CIE Lab	55.00, 18.67, 19.52
CIE LCh	55, 27.007, 46.278
Yxy	22.9298, 0.4081, 0.3595
Android (android.graphics.Color)	4289558371 (0xFFAD7763)
YUV	132.8660, -16.6959, 35.1975
Hunter-Lab	47.8851, 13.2332, 15.1608

Details

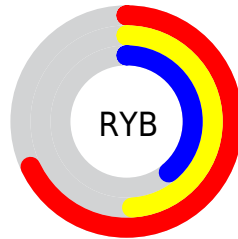
The CIELCh color $55, 27.007, 46.278$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 20.326, 232.143$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 26.974, 45.602$, and $35, 26.947, 46.445$ is the 20% darker color. If you saturate the color by 10%, you get $52, 34.634, 46.222$, and if you desaturate by 10%, it is $59, 19.891, 46.484$.

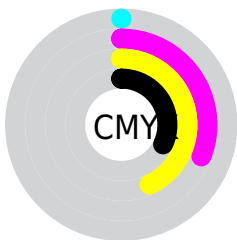
Distribution



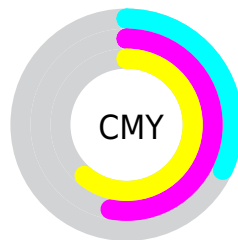
- Red (68%)
- Green (47%)
- Blue (39%)



- Red (68%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (31%)
- Yellow (43%)
- Black (32%)



- Cyan (32%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 27.007, 46.278 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, 27.007, 46.278 by changing the saturation by 10% instead.

■ 55, 27.007, 46.278

■ 55, 27.007, 46.278

■ 100, 27.007,
46.278

■ 45, 27.007, 46.278

■ 75, 27.007, 46.278

■ 35, 27.007, 46.278

■ 85, 27.007, 46.278

■ 25, 27.007, 46.278

■ 95, 27.007, 46.278

■ 15, 27.007, 46.278

■ 5, 27.007, 46.278

■ 0, 27.007, 46.278

■ 55, 27.007, 46.278

■ 55, 27.007, 46.278

■ 52, 34.634, 46.222

■ 59, 19.891, 46.484

■ 48, 42.723, 46.307

■ 62, 13.289, 46.799

46, 51.116, 46.502

66, 7.175, 47.192

43, 59.442, 46.667

70, 1.509, 47.442

41, 66.888, 46.438

73, 3.754, 228.421

39, 71.619, 46.233

77, 8.657, 228.931

81, 13.242,
229.514

85, 17.550,
230.117

89, 21.613,
230.725

Harmonies

Complementary

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



55, 27.007, 46.278



60, 20.326, 232.143

Rectangle

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



55, 27.007, 46.278



55, 27.007, 96.278



55, 27.007, 226.278



55, 27.007, 276.278

Sweetspot

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



55, 27.006, 46.283



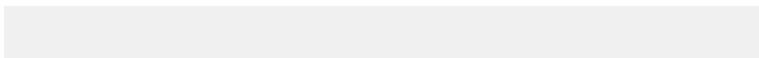
83, 9.025, 47.174



52, 41.149, 336.015



43, 6.360, 47.086



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, 27.006, 46.283



67, 41.222, 46.222



64, 32.038, 93.171



35, 3.139, 47.332



34, 64.347, 46.547



3, 6.544, 41.874

Inverse Universe

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



60, 20.326, 232.143



74, 28.827, 233.780



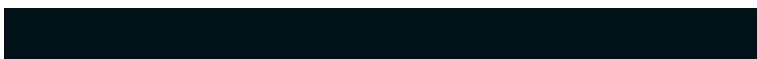
50, 33.414, 285.104



35, 2.980, 228.556



43, 31.461, 249.523



4, 6.405, 238.579

Previews

White Background



This preview shows how the CIELCh color 55, 27.007, 46.278 looks on a white background.

Color Contrast Check

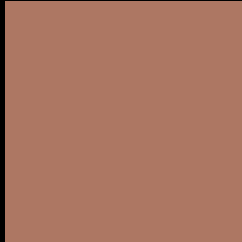
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.007, 46.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

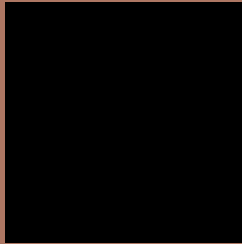
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 27.007, 46.278

Background



This preview shows how black text looks on a background with the CIELCh color 55, 27.007, 46.278.



This preview shows how white text looks on a background with the CIELCh color 55, 27.007, 46.278.

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, 27.007, 46.278

Protanopia

55, 15.769, 95.752

Deuteranopia

55, 21.618, 71.675



Tritanopia
55, 25.363, 10.970

Trichromacy



Original Color
55, 27.007, 46.278

Protanomaly
55, 17.660, 70.443

Deuteranomaly
55, 22.789, 60.724

Tritanomaly
55, 24.789, 23.566

Monochromacy



Original Color
55, 27.007, 46.278

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 8.848, 46.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 27.007, 46.278 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(173, 119, 99)` looks like.

```
.text, #text, p{  
    color:rgb(173, 119, 99)  
}
```

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(173, 119, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 119, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 27.007, 46.278 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(173, 119, 99) }
```

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

```
.border{ border-color:rgb(173, 119, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 119, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 119, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 119, 99);  
box-shadow:4px 4px 4px 4px rgb(173, 119,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 27.007, 46.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 119, 99) }
```

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

```
.background{ background-color: rgb(173,  
119, 99) }
```

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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