

Converting Colors

CIELCh(55, 27.327, 56.389)

Have a look what the booklet for
CIELCh(55, 27.327, 56.389) contains.

CIELCh(55, 27.369, 56.252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 27.369, 56.252)

Conversions

Conversions Part 1

Format	Color
Hex	A9795D
RGB	169, 121, 93
RGB Percent	66%, 47%, 36%
CMY	0.3369, 0.5252, 0.6350
CMYK	0.00, 0.28, 0.45, 0.34
HSL	22°, 31%, 51%
HSV	22°, 45%, 66%
XYZ	25.2066, 22.9298, 13.4707
YIQ	132.1600, 37.5960, 1.4680

Conversions

Conversions Part 2

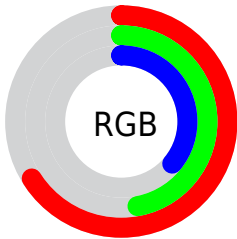
Format	Color
RYB	169, 137, 93
Decimal	11106653
CIELab	55.00, 15.20, 22.76
CIELCh	55, 27.369, 56.252
Yxy	22.9298, 0.4092, 0.3722
Android (android.graphics.Color)	4289296733 (0xFFA9795D)
YUV	132.1600, -19.3059, 32.3087
Hunter-Lab	47.8851, 10.1628, 16.8405

Details

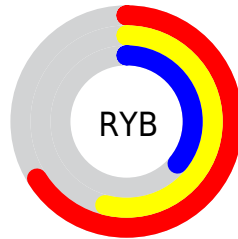
The CIELCh color **55, 27.369, 56.252** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **56, 21.593, 246.726**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 27.244, 55.248**, and **35, 27.346, 55.349** is the 20% darker color. If you saturate the color by 10%, you get **52, 34.597, 55.567**, and if you desaturate by 10%, it is **58, 20.560, 57.009**.

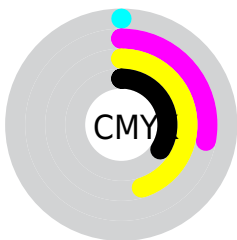
Distribution



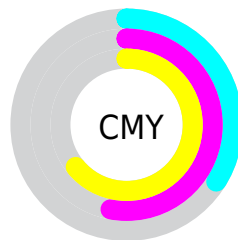
- Red (66%)
- Green (47%)
- Blue (36%)



- Red (66%)
- Yellow (54%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (34%)



- Cyan (34%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 27.369, 56.252 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, 27.369, 56.252 by changing the saturation by 10% instead.

■ 55, 27.369, 56.252

■ 55, 27.369, 56.252

■ 100, 27.369,
56.252

■ 45, 27.369, 56.252

■ 75, 27.369, 56.252

■ 35, 27.369, 56.252

■ 85, 27.369, 56.252

■ 25, 27.369, 56.252

■ 95, 27.369, 56.252

■ 15, 27.369, 56.252

■ 5, 27.369, 56.252

■ 0, 27.369, 56.252

■ 55, 27.369, 56.252

■ 55, 27.369, 56.252

■ 52, 34.597, 55.567

■ 58, 20.560, 57.009

■ 49, 42.174, 54.922

■ 61, 14.182, 57.816

47, 49.911, 54.257

64, 8.217, 58.656

44, 57.373, 53.400

68, 2.632, 59.442

42, 63.729, 51.995

71, 2.609, 240.665

41, 66.788, 51.390

74, 7.544, 241.475

78, 12.209,
242.363

81, 16.635,
243.249

84, 20.854,
244.119

Harmonies

Complementary

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



55, 27.369, 56.252



56, 21.593, 246.726

Rectangle

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



55, 27.369, 56.252



55, 27.369, 106.252



55, 27.369, 236.252



55, 27.369, 286.252

Sweetspot

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



55, 27.368, 56.257



82, 8.776, 58.801



50, 39.653, 340.848



43, 6.175, 58.621



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



55, 27.368, 56.257



67, 42.008, 55.566



65, 36.059, 99.233



34, 3.040, 59.127



36, 60.304, 51.811



3, 5.381, 53.676

Inverse Universe

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



56, 21.593, 246.726



69, 31.137, 249.238



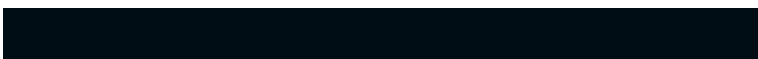
46, 39.190, 290.864



34, 2.920, 241.053



38, 36.420, 266.769



3, 5.571, 249.403

Previews

White Background



This preview shows how the CIELCh color 55, 27.369, 56.252 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, 27.369, 56.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

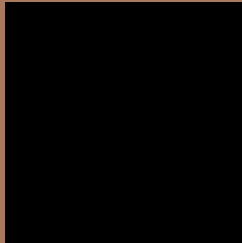
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 27.369, 56.252

Background



This preview shows how black text looks on a background with the CIELCh color 55, 27.369, 56.252.



This preview shows how white text looks on a background with the CIELCh color 55, 27.369, 56.252.

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, 27.369, 56.252

Protanopia

55, 19.836, 95.118

Deuteranopia

55, 24.127, 72.688



Tritanopia
55, 23.232, 9.574

Trichromacy



Original Color
55, 27.369, 56.252

Protanomaly
55, 21.274, 78.015

Deuteranomaly
55, 25.066, 66.452

Tritanomaly
55, 22.873, 27.586

Monochromacy



Original Color
55, 27.369, 56.252

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 9.131, 58.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 27.369, 56.252 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(169, 121, 93)` looks like.

```
.text, #text, p{  
    color:rgb(169, 121, 93)  
}
```

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(169, 121, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 121, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 27.369, 56.252 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(169, 121, 93) }
```

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

```
.border{ border-color:rgb(169, 121, 93) }
```

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

Here you see how a box with a 4 pixel rgb(169, 121, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 121, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 121, 93);  
box-shadow:4px 4px 4px 4px rgb(169, 121,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 27.369, 56.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 121, 93) }
```

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

```
.background{ background-color: rgb(169,  
121, 93) }
```

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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