

Converting Colors

CIELCh(57, 24.242, 56.188)

Have a look what the booklet for
CIELCh(57, 24.242, 56.188) contains.

CIELCh(57, 24.419, 55.939)	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(57, 24.419, 55.939)

Conversions

Conversions Part 1	
Format	Color
Hex	AB7F66
RGB	171, 127, 102
RGB Percent	67%, 50%, 40%
CMY	0.3281, 0.5007, 0.5988
CMYK	0.00, 0.26, 0.40, 0.33
HSL	22°, 29%, 54%
HSV	22°, 40%, 67%
XYZ	26.9133, 24.9227, 16.0421
YIQ	137.3060, 34.2490, 1.5530

Conversions

Conversions Part 2

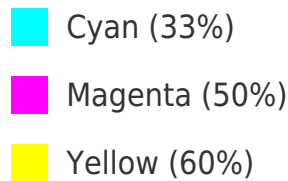
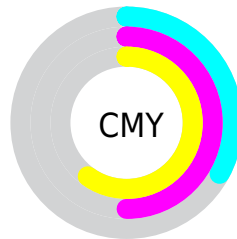
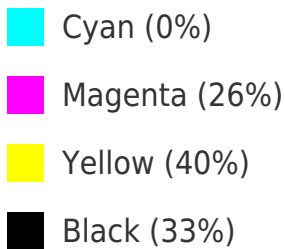
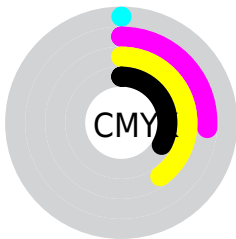
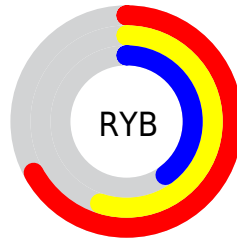
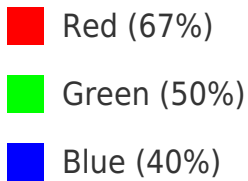
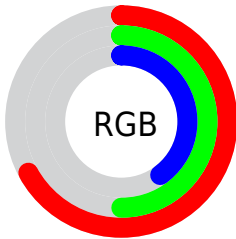
Format	Color
RYB	171, 141, 102
Decimal	11239270
CIELab	57.00, 13.68, 20.23
CIELCh	57, 24.419, 55.939
Yxy	24.9227, 0.3965, 0.3672
Android (android.graphics.Color)	4289429350 (0xFFAB7F66)
YUV	137.3060, -17.4059, 29.5496
Hunter-Lab	49.9226, 8.8648, 15.8936

Details

The CIELCh color **57, 24.419, 55.939** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 19.733, 244.882**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 24.565, 56.188**, and **37, 24.374, 56.069** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.551, 55.260**, and if you desaturate by 10%, it is **60, 17.727, 56.694**.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 24.419, 55.939 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 57, 24.419, 55.939 by changing the saturation by 10% instead.

 57, 24.419, 55.939

 57, 24.419, 55.939

 100, 24.419,
55.939

 47, 24.419, 55.939

 77, 24.419, 55.939

 37, 24.419, 55.939

 87, 24.419, 55.939

 27, 24.419, 55.939

 97, 24.419, 55.939

 17, 24.419, 55.939

 7, 24.419, 55.939

 0, 24.419, 55.939

 57, 24.419, 55.939

 57, 24.419, 55.939

 54, 31.551, 55.260

 60, 17.727, 56.694

 51, 39.087, 54.637

 63, 11.472, 57.494

 48, 46.902, 54.038

 67, 5.624, 58.311

 46, 54.691, 53.352


 70, 0.150, 56.472

 43, 61.807, 52.307


 73, 4.991, 240.246

 41, 67.696, 50.983

 77, 9.836, 241.101

 80, 14.420,
241.976

 84, 18.775,
242.844

 87, 22.451,
242.042

Harmonies

Complementary

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



57, 24.419, 55.939



58, 19.733, 244.882

Rectangle

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



57, 24.419, 55.939



57, 24.419, 105.939



57, 24.419, 235.939



57, 24.419, 285.939

Sweetspot

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



57, 24.418, 55.945



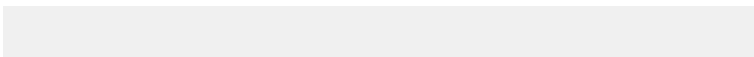
83, 8.144, 58.157



52, 36.497, 339.577



44, 5.469, 58.055



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 24.418, 55.945



69, 36.972, 55.355



66, 32.274, 98.787



35, 3.114, 58.389



36, 61.296, 51.382



3, 6.399, 50.999

Inverse Universe

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



58, 19.733, 244.882



71, 28.320, 246.787



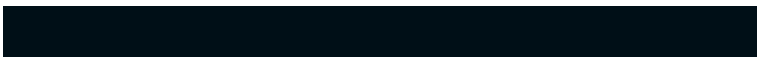
49, 34.504, 289.128



35, 2.988, 240.285



39, 36.493, 265.905



4, 6.654, 250.680

Previews

White Background



This preview shows how the CIELCh color 57, 24.419, 55.939 looks on a white background.

Color Contrast Check

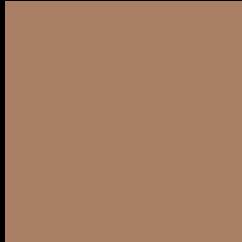
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 24.419, 55.939 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 57, 24.419, 55.939

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.419, 55.939.



This preview shows how white text looks on a background with the CIELCh color 57, 24.419, 55.939.

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

57, 24.419, 55.939

Protanopia

57, 17.412, 95.390

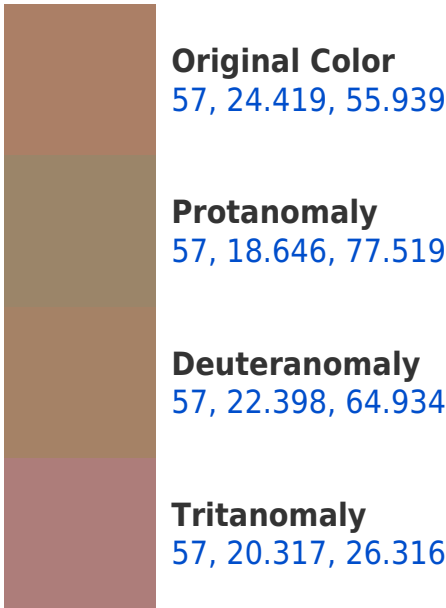
Deuteranopia

57, 21.580, 69.168

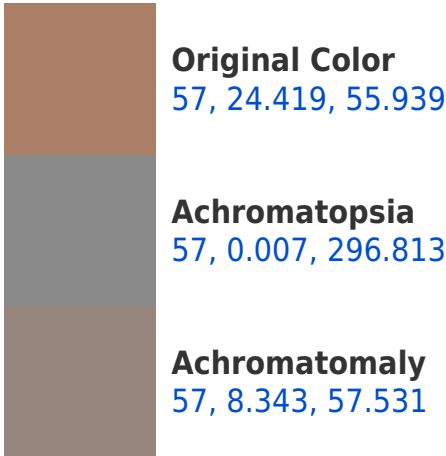


Tritanopia
57, 21.488, 6.733

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 24.419, 55.939 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(171, 127, 102)` looks like.

```
.text, #text, p{  
    color:rgb(171, 127, 102)  
}
```

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(171, 127, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 127, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.419, 55.939 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(171, 127, 102) }
```

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

```
.border{ border-color:rgb(171, 127, 102) }
```

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

Here you see how a box with a 4 pixel rgb(171, 127, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 127, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 127, 102);  
box-shadow:4px 4px 4px 4px rgb(171, 127,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.419, 55.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 127, 102) }
```

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

```
.background{ background-color: rgb(171,  
127, 102) }
```

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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