

Converting Colors

CIELCh(57, 9.328, 70.172)

Have a look what the booklet for
CIELCh(57, 9.328, 70.172) contains.

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Color

CIELCh(57, 9.239, 67.145)

Conversions

Conversions Part 1

Format	Color
Hex	95867A
RGB	149, 134, 122
RGB Percent	58%, 53%, 48%
CMY	0.4149, 0.4737, 0.5208
CMYK	0.00, 0.10, 0.18, 0.41
HSL	27°, 11%, 53%
HSV	27°, 18%, 59%
XYZ	24.5080, 24.9227, 21.9939
YIQ	137.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

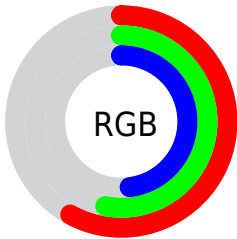
Format	Color
R_{YB}	149, 144, 122
Decimal	9799290
CIE _{Lab}	57.00, 3.59, 8.51
CIE _{LCh}	57, 9.239, 67.145
Yxy	24.9227, 0.3431, 0.3489
Android (android.graphics.Color)	4287989370 (0xFF95867A)
YUV	137.1170, -7.4527, 10.4214
Hunter-Lab	49.9226, 0.2645, 8.8251

Details

The CIELCh color $57, 9.239, 67.145$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $56, 8.683, 251.540$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.297, 67.955$, and $37, 9.370, 65.968$ is the 20% darker color. If you saturate the color by 10%, you get $54, 14.747, 66.070$, and if you desaturate by 10%, it is $60, 4.023, 68.214$.

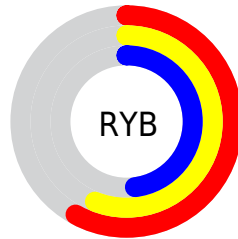
Distribution



Red (58%)

Green (53%)

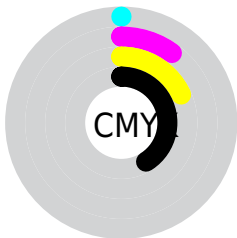
Blue (48%)



Red (58%)

Yellow (56%)

Blue (48%)

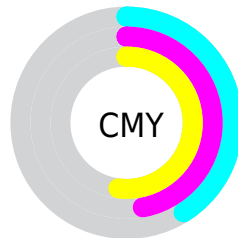


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 9.239, 67.145 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, 9.239, 67.145 by changing the saturation by 10% instead.

 57, 9.239, 67.145  57, 9.239, 67.145

 100, 9.239, 67.145  47, 9.239, 67.145

 77, 9.239, 67.145  37, 9.239, 67.145

 87, 9.239, 67.145  27, 9.239, 67.145

 97, 9.239, 67.145  17, 9.239, 67.145

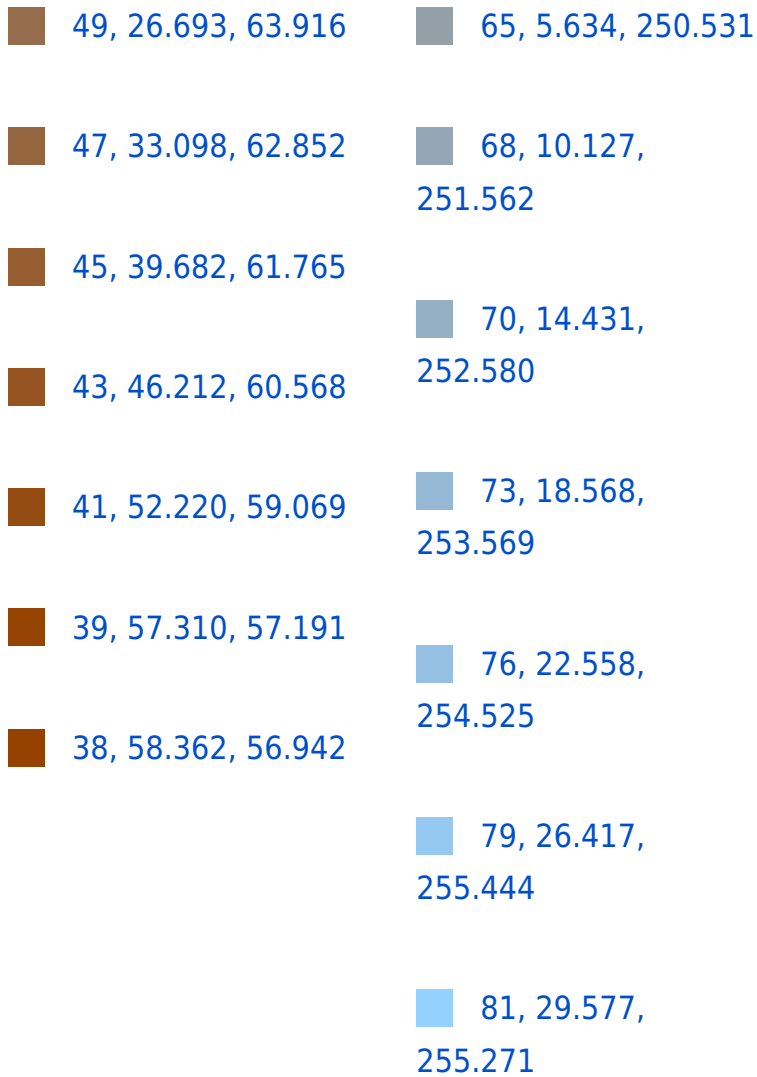
 7, 9.239, 67.145

 0, 9.239, 67.145

 57, 9.239, 67.145  57, 9.239, 67.145

 54, 14.747, 66.070  60, 4.023, 68.214

 52, 20.565, 64.987  62, 0.926, 249.750



Harmonies

Complementary

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



57, 9.239, 67.145



56, 8.683, 251.540

Rectangle

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



57, 9.239, 67.145



57, 9.239, 117.145



57, 9.239, 247.145



57, 9.239, 297.145

Sweetspot

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



57, 9.239, 67.157



77, 3.047, 68.495



54, 13.851, 341.634



40, 2.077, 68.440



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 9.239, 67.157



71, 14.066, 66.686



61, 14.120, 105.561



30, 2.794, 68.104



35, 54.945, 57.236



1, 2.394, 69.178

Inverse Universe

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



56, 8.683, 251.540



70, 12.999, 252.210



53, 14.619, 289.407



30, 2.715, 250.342



32, 39.940, 276.796



1, 2.395, 249.193

Previews

White Background



This preview shows how the CIELCh color 57, 9.239, 67.145 looks on a white background.

Color Contrast Check

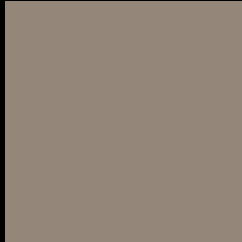
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 9.239, 67.145 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

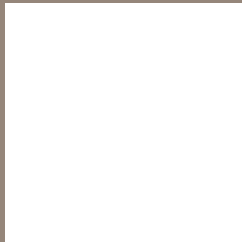
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 9.239, 67.145

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.239, 67.145.



This preview shows how white text looks on a background with the CIELCh color 57, 9.239, 67.145.

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, 9.239, 67.145

Protanopia

57, 7.777, 90.875

Deuteranopia

57, 10.872, 48.124



Tritanopia
57, 10.391, 343.482

Trichromacy



Original Color
57, 9.239, 67.145

Protanomaly
57, 7.962, 78.282

Deuteranomaly
57, 10.081, 54.188

Tritanomaly
57, 7.803, 7.599

Monochromacy



Original Color
57, 9.239, 67.145

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.012, 68.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.239, 67.145 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(149, 134, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 134, 122)  
}
```

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(149, 134, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 134, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.239, 67.145 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(149, 134, 122) }
```

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

```
.border{ border-color:rgb(149, 134, 122) }
```

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

Here you see how a box with a 4 pixel rgb(149, 134, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 134, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 134, 122);  
box-shadow:4px 4px 4px 4px rgb(149, 134,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.239, 67.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 134, 122) }
```

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

```
.background{ background-color: rgb(149,  
134, 122) }
```

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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