

Converting Colors

CIELCh(59, 16.064, 97.741)

Have a look what the booklet for
CIELCh(59, 16.064, 97.741) contains.

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Color

CIELCh(59, 16.027, 97.751)

Conversions

Conversions Part 1

Format	Color
Hex	958E72
RGB	149, 142, 114
RGB Percent	58%, 56%, 45%
CMY	0.4149, 0.4424, 0.5522
CMYK	0.00, 0.05, 0.23, 0.41
HSL	48°, 14%, 52%
HSV	48°, 23%, 59%
XYZ	25.1772, 27.0277, 19.8633
YIQ	140.9010, 13.1600, -7.2240

Conversions

Conversions Part 2

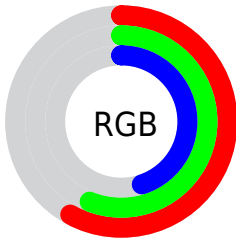
Format	Color
R_YB	123, 149, 114
Decimal	9801330
CIE Lab	59.00, -2.16, 15.88
CIE LCh	59, 16.027, 97.751
Yxy	27.0277, 0.3494, 0.3750
Android (android.graphics.Color)	4287991410 (0xFF958E72)
YUV	140.9010, -13.2622, 7.1028
Hunter-Lab	51.9882, -4.5342, 13.7386

Details

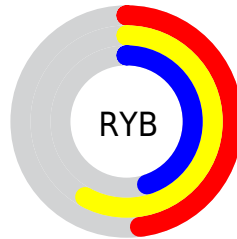
The CIELCh color $59, 16.027, 97.751$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 16.442, 283.457$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 16.153, 98.970$, and $39, 16.007, 97.624$ is the 20% darker color. If you saturate the color by 10%, you get $58, 22.894, 96.584$, and if you desaturate by 10%, it is $60, 9.166, 98.899$.

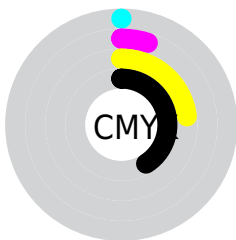
Distribution



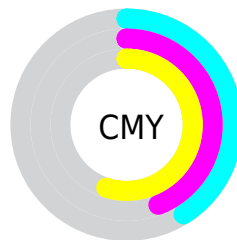
- Red (58%)
- Green (56%)
- Blue (45%)



- Red (48%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 16.027, 97.751 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 59, 16.027, 97.751 by changing the saturation by 10% instead.

■ 59, 16.027, 97.751

■ 59, 16.027, 97.751

■ 100, 16.027,
97.751

■ 49, 16.027, 97.751

■ 79, 16.027, 97.751

■ 39, 16.027, 97.751

■ 89, 16.027, 97.751

■ 29, 16.027, 97.751

■ 99, 16.027, 97.751

■ 19, 16.027, 97.751

■ 9, 16.027, 97.751

■ 0, 16.027, 97.751

■ 59, 16.027, 97.751

■ 59, 16.027, 97.751

■ 58, 22.894, 96.584

■ 60, 9.166, 98.899

■ 57, 29.704, 95.390

■ 61, 2.344, 99.974

■ 56, 36.347, 94.180

■ 63, 4.421, 281.134

■ 55, 42.642, 92.957

■ 64, 11.119,
282.152

■ 54, 48.295, 91.717

■ 65, 17.747,
283.137

■ 53, 52.877, 90.437

■ 52, 55.889, 89.072

■ 66, 24.305,
284.079

■ 51, 57.379, 88.164

■ 68, 30.793,
284.975

■ 69, 37.212,
285.824

■ 71, 43.565,
286.627

Harmonies

Complementary

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



59, 16.027, 97.751



51, 16.442, 283.457

Rectangle

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



59, 16.027, 97.751



59, 16.027, 147.751



59, 16.027, 277.751



59, 16.027, 327.751

Sweetspot

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



59, 16.028, 97.757



77, 5.879, 99.597



52, 14.981, 5.620



40, 3.810, 99.542



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 16.028, 97.757



74, 23.697, 97.162



60, 20.029, 120.479



31, 3.810, 99.373



48, 54.159, 88.285



2, 3.331, 100.403

Inverse Universe

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



51, 16.442, 283.457



63, 24.466, 284.273



50, 20.942, 303.287



29, 3.853, 281.492



19, 72.474, 301.798



1, 3.332, 280.407

Previews

White Background



This preview shows how the CIELCh color 59, 16.027, 97.751 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 59, 16.027, 97.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

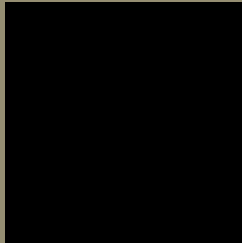
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

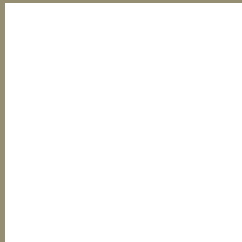
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 16.027, 97.751

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.027, 97.751.



This preview shows how white text looks on a background with the CIELCh color 59, 16.027, 97.751.

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


59, 16.027, 97.751

Protanopia

59, 16.207, 94.805

Deuteranopia

59, 17.280, 63.113



Tritanopia
59, 8.442, 338.200

Trichromacy



Original Color
59, 16.027, 97.751

Protanomaly
59, 16.112, 96.271

Deuteranomaly
59, 15.828, 74.399

Tritanomaly
59, 5.300, 44.904

Monochromacy



Original Color
59, 16.027, 97.751

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 5.768, 97.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.027, 97.751 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, 142, 114)` looks like.

```
.text, #text, p{  
    color:rgb(149, 142, 114)  
}
```

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, 142, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 142, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.027, 97.751 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, 142, 114) }
```

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

```
.border{ border-color:rgb(149, 142, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 142, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 142, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 142, 114);  
box-shadow:4px 4px 4px 4px rgb(149, 142,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.027, 97.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 142, 114) }
```

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

```
.background{ background-color: rgb(149,  
142, 114) }
```

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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