

Converting Colors

CIELCh(59, 15.284, 111.221)

Have a look what the booklet for
CIELCh(59, 15.284, 111.221)
contains.

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Color

CIELCh(59, 15.196, 111.541)

Conversions

Conversions Part 1

Format	Color
Hex	8E9075
RGB	142, 144, 117
RGB Percent	56%, 56%, 46%
CMY	0.4427, 0.4348, 0.5407
CMYK	0.01, 0.00, 0.19, 0.43
HSL	64°, 11%, 51%
HSV	64°, 19%, 57%
XYZ	24.3818, 27.0277, 20.7947
YIQ	140.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

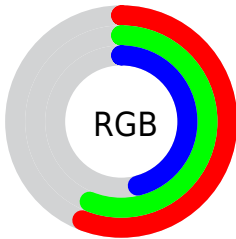
Format	Color
R_{YB}	117, 144, 119
Decimal	9343093
CIE _{Lab}	59.00, -5.58, 14.13
CIE _{LCh}	59, 15.196, 111.541
Yxy	27.0277, 0.3377, 0.3743
Android (android.graphics.Color)	4287533173 (0xFF8E9075)
YUV	140.3240, -11.4987, 1.4699
Hunter-Lab	51.9882, -7.2653, 12.6764

Details

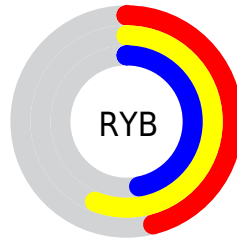
The CIELCh color $59, 15.196, 111.541$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $50, 15.842, 294.860$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 15.404, 111.640$, and $39, 15.142, 111.241$ is the 20% darker color. If you saturate the color by 10%, you get $59, 23.193, 110.714$, and if you desaturate by 10%, it is $59, 7.104, 112.376$.

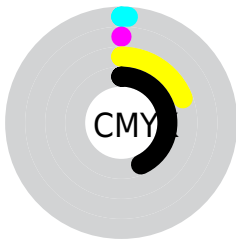
Distribution



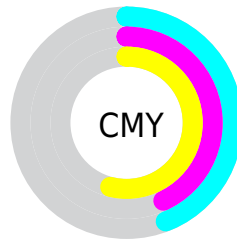
- Red (56%)
- Green (56%)
- Blue (46%)



- Red (46%)
- Yellow (56%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (43%)





- Cyan (44%)
- Magenta (43%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 15.196, 111.541 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, 15.196, 111.541 by changing the saturation by 10% instead.


 59, 15.196,
111.541


 59, 15.196,
111.541


 100, 15.196,
111.541


 49, 15.196,
111.541


 79, 15.196,
111.541

 39, 15.196,
111.541

 89, 15.196,
111.541

 29, 15.196,
111.541

 99, 15.196,
111.541

 19, 15.196,
111.541

 9, 15.196, 111.541

 0, 15.196, 111.541

■ 59, 15.196,
111.541

■ 59, 15.196,
111.541

■ 59, 23.193,
110.714

■ 59, 7.104, 112.376

■ 58, 31.011,
109.899

■ 60, 1.035, 293.225

■ 60, 9.184, 293.996

■ 58, 38.532,
109.127

■ 61, 17.317,
294.760

■ 58, 45.574,
108.431

■ 62, 25.417,
295.491

■ 58, 51.876,
107.854

■ 62, 33.470,
296.185

■ 57, 57.098,
107.451

■ 63, 41.465,
296.841

■ 57, 60.883,
107.277

■ 64, 49.394,
297.458

■ 57, 63.306,

107.316

■ 64, 57.251,
298.037

■ 57, 63.602,
107.321

Harmonies

Complementary

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



59, 15.196, 111.541



50, 15.842, 294.860

Rectangle

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



59, 15.196, 111.541



59, 15.196, 161.541



59, 15.196, 291.541



59, 15.196, 341.541

Sweetspot

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



59, 15.197, 111.546



75, 6.010, 112.590



52, 10.573, 26.148



40, 4.018, 112.544



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 15.197, 111.546



74, 21.952, 111.236



58, 16.494, 130.568



30, 4.555, 112.340



54, 60.698, 107.296



2, 3.091, 113.094

Inverse Universe

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



50, 15.842, 294.860



62, 23.087, 295.273



52, 16.845, 312.155



27, 4.651, 293.898



15, 83.059, 306.606



0, 3.091, 293.095

Previews

White Background



This preview shows how the CIELCh color 59, 15.196, 111.541 looks on a white background.

Color Contrast Check

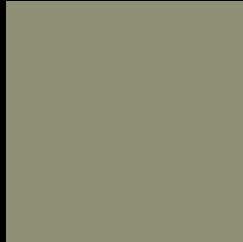
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.196, 111.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

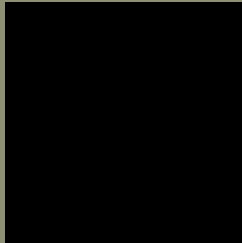
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

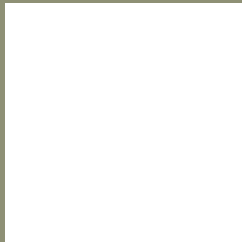
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 15.196, 111.541

Background



This preview shows how black text looks on a background with the CIELCh color 59, 15.196, 111.541.



This preview shows how white text looks on a background with the CIELCh color 59, 15.196, 111.541.

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, 15.196, 111.541

Protanopia

59, 15.015, 95.565

Deuteranopia

59, 15.343, 58.668



Tritanopia
59, 6.306, 315.980

Trichromacy



Original Color
59, 15.196, 111.541

Protanomaly
59, 15.268, 102.129

Deuteranomaly
59, 13.883, 77.823

Tritanomaly
59, 2.303, 66.658

Monochromacy



Original Color
59, 15.196, 111.541

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 5.087, 109.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 15.196, 111.541 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(142, 144, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 144, 117)  
}
```

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(142, 144, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 144, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 15.196, 111.541 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(142, 144, 117) }
```

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

```
.border{ border-color:rgb(142, 144, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 144, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 144, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 144, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 144,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 15.196, 111.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 144, 117) }
```

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

```
.background{ background-color: rgb(142,  
144, 117) }
```

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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