

Converting Colors

CIE LCh(59, 17.202, 124.324)

Have a look what the booklet for
CIELCh(59, 17.202, 124.324)
contains.

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Color

CIELCh(59, 16.918, 123.757)

Conversions

Conversions Part 1

Format	Color
Hex	879275
RGB	135, 146, 117
RGB Percent	53%, 57%, 46%
CMY	0.4703, 0.4271, 0.5409
CMYK	0.08, 0.00, 0.20, 0.43
HSL	83°, 12%, 52%
HSV	83°, 20%, 57%
XYZ	23.5125, 27.0277, 20.8321
YIQ	139.4050, 2.7530, -11.3510

Conversions

Conversions Part 2

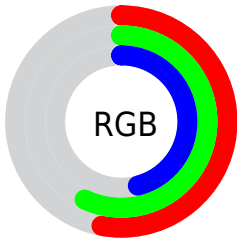
Format	Color
R_{YB}	117, 146, 128
Decimal	8884853
CIE _{Lab}	59.00, -9.40, 14.07
CIE _{LCh}	59, 16.918, 123.757
Yxy	27.0277, 0.3294, 0.3787
Android (android.graphics.Color)	4287074933 (0xFF879275)
YUV	139.4050, -11.0457, -3.8632
Hunter-Lab	51.9882, -10.2499, 12.6338

Details

The CIELCh color $59, 16.918, 123.757$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 17.491, 305.814$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 17.097, 124.256$, and $39, 17.045, 124.462$ is the 20% darker color. If you saturate the color by 10%, you get $58, 25.362, 123.242$, and if you desaturate by 10%, it is $60, 8.402, 124.273$.

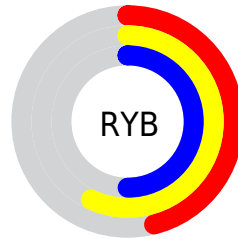
Distribution



Red (53%)

Green (57%)

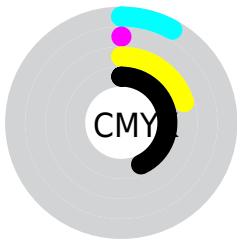
Blue (46%)



Red (46%)

Yellow (57%)

Blue (50%)

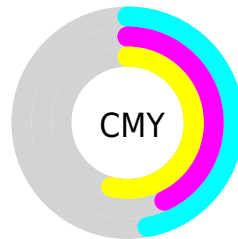


Cyan (8%)

Magenta (0%)

Yellow (20%)

Black (43%)



Cyan (47%)


Magenta (43%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 16.918, 123.757 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, 16.918, 123.757 by changing the saturation by 10% instead.


 59, 16.918,
123.757


 59, 16.918,
123.757


 100, 16.918,
123.757


 49, 16.918,
123.757


 79, 16.918,
123.757

 39, 16.918,
123.757

 89, 16.918,
123.757

 29, 16.918,
123.757

 99, 16.918,
123.757

 19, 16.918,
123.757

 9, 16.918, 123.757

 0, 16.918, 123.757

■ 59, 16.918,
123.757

■ 59, 16.918,
123.757

■ 58, 25.362,
123.242

■ 60, 8.402, 124.273

■ 58, 33.643,
122.740

■ 61, 0.131, 304.291

■ 61, 8.636, 305.211

■ 57, 41.634,
122.288

■ 62, 17.081,
305.645

■ 56, 49.151,
121.937

■ 63, 25.445,
306.045

■ 56, 55.933,
121.764

■ 64, 33.712,
306.412

■ 56, 61.643,
121.871

■ 66, 41.868,
306.747

■ 55, 65.934,
122.369

■ 67, 49.908,
307.052

■ 55, 69.013,

123.179

■ 68, 57.824,
307.329

■ 55, 69.057,
123.189

Harmonies

Complementary

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



59, 16.918, 123.757



51, 17.491, 305.814

Rectangle

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



59, 16.918, 123.757



59, 16.918, 173.757



59, 16.918, 303.757



59, 16.918, 353.757

Sweetspot

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



59, 16.920, 123.760



76, 6.298, 124.463



55, 9.834, 58.054



40, 4.165, 124.435



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, 16.920, 123.760



74, 25.172, 123.520



58, 19.309, 139.743



31, 4.864, 124.306



52, 66.105, 123.104



2, 4.264, 124.748

Inverse Universe

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



51, 17.491, 305.814



62, 26.238, 306.098



52, 19.425, 321.664



29, 4.943, 305.207



18, 80.693, 309.760



0, 4.265, 304.747

Previews

White Background



This preview shows how the CIELCh color 59, 16.918, 123.757 looks on a white background.

Color Contrast Check

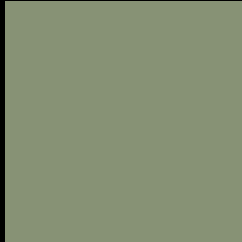
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.918, 123.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

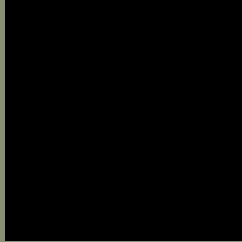
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

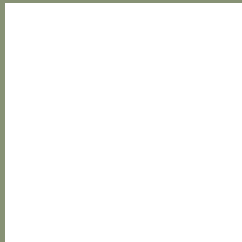
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 16.918, 123.757

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.918, 123.757.



This preview shows how white text looks on a background with the CIELCh color 59, 16.918, 123.757.

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, 16.918, 123.757

Protanopia

59, 15.563, 95.933

Deuteranopia

59, 15.006, 59.677



Tritanopia
59, 6.246, 287.441

Trichromacy



Original Color
59, 16.918, 123.757

Protanomaly
59, 15.202, 105.266

Deuteranomaly
59, 13.574, 85.071

Tritanomaly
59, 3.002, 150.397

Monochromacy



Original Color
59, 16.918, 123.757

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.432, 123.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.918, 123.757 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(135, 146, 117)` looks like.

```
.text, #text, p{  
    color:rgb(135, 146, 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(135, 146, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 146, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.918, 123.757 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(135, 146, 117) }
```

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

```
.border{ border-color:rgb(135, 146, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 146, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 146, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 146, 117);  
box-shadow:4px 4px 4px 4px rgb(135, 146,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.918, 123.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 146, 117) }
```

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

```
.background{ background-color: rgb(135,  
146, 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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