

Converting Colors

CIELCh(60, 6.499, 172.836)

Have a look what the booklet for
CIELCh(60, 6.499, 172.836) contains.

CIELCh(60, 6.439, 172.843)	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(60, 6.439, 172.843)

Conversions

Conversions Part 1

Format	Color
Hex	85948F
RGB	133, 148, 143
RGB Percent	52%, 58%, 56%
CMY	0.4787, 0.4198, 0.4395
CMYK	0.10, 0.00, 0.03, 0.42
HSL	160°, 7%, 55%
HSV	160°, 10%, 58%
XYZ	25.1967, 28.1233, 30.0625
YIQ	142.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

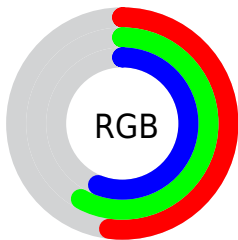
Format	Color
R_{YB}	133, 142, 148
Decimal	8754319
CIE Lab	60.00, -6.39, 0.80
CIE LCh	60, 6.439, 172.843
Yxy	28.1233, 0.3022, 0.3373
Android (android.graphics.Color)	4286944399 (0xFF85948F)
YUV	142.9450, 0.0271, -8.7218
Hunter-Lab	53.0314, -7.9946, 3.5116

Details

The CIELCh color $60, 6.439, 172.843$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 6.605, 354.562$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 6.409, 174.450$, and $40, 6.279, 175.749$ is the 20% darker color. If you saturate the color by 10%, you get $59, 12.694, 171.846$, and if you desaturate by 10%, it is $61, 0.085, 178.043$.

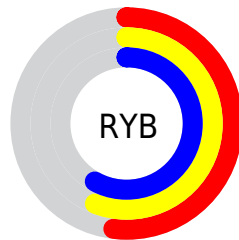
Distribution



Red (52%)

Green (58%)

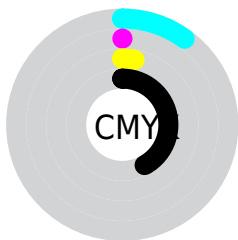
Blue (56%)



Red (52%)

Yellow (56%)

Blue (58%)

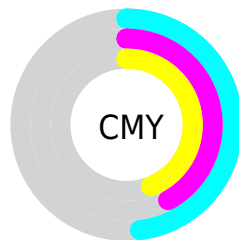


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (48%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 6.439, 172.843 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 60, 6.439, 172.843 by changing the saturation by 10% instead.

60, 6.439, 172.843

60, 6.439, 172.843

100, 6.439,
172.843

50, 6.439, 172.843

80, 6.439, 172.843

40, 6.439, 172.843

90, 6.439, 172.843

30, 6.439, 172.843

20, 6.439, 172.843

10, 6.439, 172.843

0, 6.439, 172.843

60, 6.439, 172.843

60, 6.439, 172.843

59, 12.694,
171.846

61, 0.085, 178.043

63, 6.301, 354.448

■ 58, 18.762,
170.794

■ 64, 12.660,
355.266

■ 57, 24.547,
169.649

■ 66, 18.951,
356.022

■ 56, 29.949,
168.387

■ 67, 25.141,
356.737

■ 55, 34.869,
166.986

■ 69, 31.209,
357.417

■ 55, 39.225,
165.423

■ 71, 37.142,
358.068

■ 55, 42.966,
163.675

■ 73, 42.932,
358.691

■ 54, 46.083,
161.733

■ 74, 44.926,
356.437

■ 54, 48.727,
159.727

Harmonies

Complementary

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



60, 6.439, 172.843



57, 6.605, 354.562

Rectangle

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



60, 6.439, 172.843



60, 6.439, 222.843



60, 6.439, 352.843



60, 6.439, 42.843

Sweetspot

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



60, 6.440, 172.836



77, 2.353, 173.608



60, 9.306, 133.726



41, 1.798, 173.502



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 6.440, 172.836



76, 9.385, 172.630



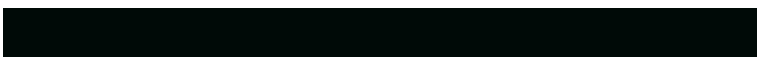
60, 4.949, 213.988



31, 3.589, 172.928



51, 46.126, 159.884



2, 3.159, 173.694

Inverse Universe

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



57, 6.605, 354.562



71, 9.674, 354.779



57, 5.273, 33.812



29, 3.673, 354.465



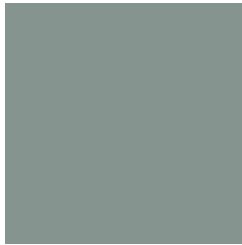
28, 54.346, 16.557



1, 3.160, 353.681

Previews

White Background



This preview shows how the CIELCh color 60, 6.439, 172.843 looks on a white background.

Color Contrast Check

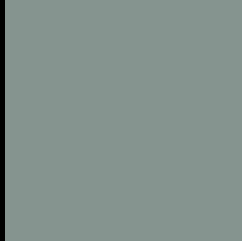
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 6.439, 172.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

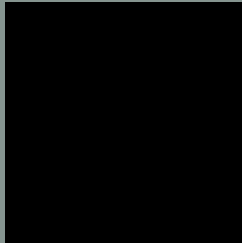
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

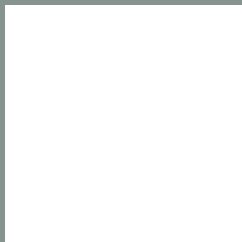
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 6.439, 172.843

Background



This preview shows how black text looks on a background with the CIELCh color 60, 6.439, 172.843.



This preview shows how white text looks on a background with the CIELCh color 60, 6.439, 172.843.

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

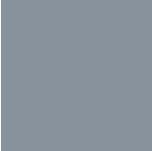
60, 6.439, 172.843

Protanopia

60, 2.294, 66.665

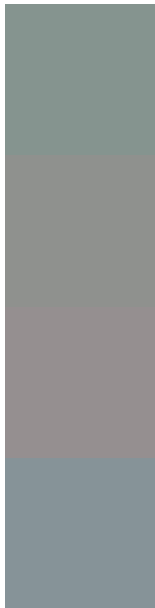
Deuteranopia

60, 7.636, 358.543



Tritanopia
60, 7.335, 257.310

Trichromacy



Original Color
60, 6.439, 172.843

Protanomaly
60, 1.864, 134.660

Deuteranomaly
60, 2.418, 5.998

Tritanomaly
60, 5.561, 229.663

Monochromacy



Original Color
60, 6.439, 172.843

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 2.590, 173.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 6.439, 172.843 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(133, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(133, 148, 143)  
}
```

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(133, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 148, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 6.439, 172.843 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(133, 148, 143) }
```

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

```
.border{ border-color:rgb(133, 148, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 148, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(133, 148,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 6.439, 172.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 148, 143) }
```

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

```
.background{ background-color: rgb(133,  
148, 143) }
```

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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