

Converting Colors

CIELCh(60, 5.937, 181.482)

Have a look what the booklet for
CIELCh(60, 5.937, 181.482) contains.

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Color

CIELCh(60, 5.983, 182.440)

Conversions

Conversions Part 1

Format	Color
Hex	859491
RGB	133, 148, 145
RGB Percent	52%, 58%, 57%
CMY	0.4792, 0.4204, 0.4322
CMYK	0.10, 0.00, 0.02, 0.42
HSL	168°, 7%, 55%
HSV	168°, 10%, 58%
XYZ	25.2936, 28.1233, 30.8005
YIQ	143.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

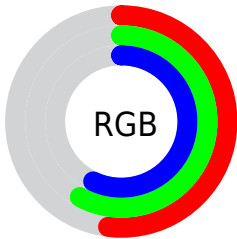
Format	Color
R_{YB}	133, 141, 148
Decimal	8754321
CIE _{Lab}	60.00, -5.98, -0.25
CIE _{LCh}	60, 5.983, 182.440
Yxy	28.1233, 0.3003, 0.3339
Android (android.graphics.Color)	4286944401 (0xFF859491)
YUV	143.1730, 0.9007, -8.9217
Hunter-Lab	53.0314, -7.6684, 2.6866

Details

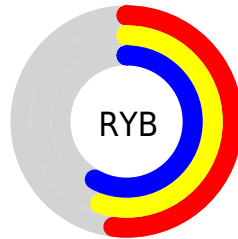
The CIELCh color $60, 5.983, 182.440$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 6.222, 4.106$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 6.007, 183.602$, and $40, 5.845, 186.630$ is the 20% darker color. If you saturate the color by 10%, you get $59, 11.703, 181.490$, and if you desaturate by 10%, it is $61, 0.085, 188.018$.

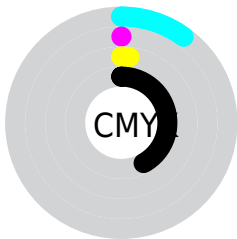
Distribution



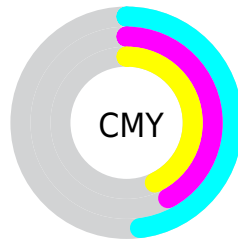
- Red (52%)
- Green (58%)
- Blue (57%)



- Red (52%)
- Yellow (55%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 5.983, 182.440 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, 5.983, 182.440 by changing the saturation by 10% instead.

60, 5.983, 182.440

60, 5.983, 182.440

100, 5.983,
182.440

50, 5.983, 182.440

80, 5.983, 182.440

40, 5.983, 182.440

90, 5.983, 182.440

30, 5.983, 182.440

20, 5.983, 182.440

10, 5.983, 182.440

0, 5.983, 182.440

60, 5.983, 182.440

60, 5.983, 182.440

59, 11.703,
181.490

61, 0.085, 188.018

63, 5.921, 3.989

■ 58, 17.155,
180.522

■ 64, 11.973, 4.824

■ 57, 22.249,
179.498

■ 66, 18.022, 5.609

■ 56, 26.888,
178.399

■ 67, 24.031, 6.362

■ 56, 30.986,
177.206

■ 71, 35.827, 7.795

■ 55, 34.472,
175.898

■ 73, 41.583, 8.477

■ 55, 37.309,
174.453

■ 73, 43.214, 7.133

■ 55, 39.501,
172.852

■ 54, 41.222,
171.187

Harmonies

Complementary

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



60, 5.983, 182.440



57, 6.222, 4.106

Rectangle

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



60, 5.983, 182.440



60, 5.983, 232.440



60, 5.983, 2.440



60, 5.983, 52.440

Sweetspot

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



60, 5.984, 182.430



77, 2.198, 183.204



60, 9.671, 137.877



41, 1.679, 183.093



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, 5.984, 182.430



76, 8.708, 182.233



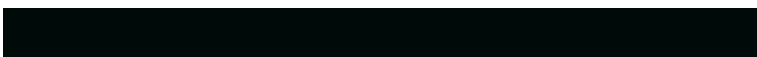
59, 4.671, 230.256



31, 3.337, 182.521



51, 39.089, 171.314



2, 2.956, 183.254

Inverse Universe

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



57, 6.222, 4.106



71, 9.128, 4.327



58, 4.935, 48.846



29, 3.457, 4.006



28, 58.059, 27.996



1, 2.956, 3.239

Previews

White Background



This preview shows how the CIELCh color 60, 5.983, 182.440 looks on a white background.

Color Contrast Check

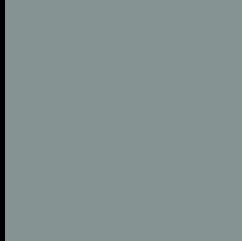
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.983, 182.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

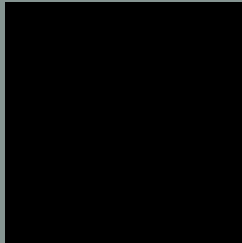
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

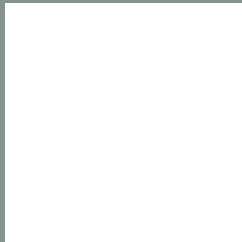
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 5.983, 182.440

Background



This preview shows how black text looks on a background with the CIELCh color 60, 5.983, 182.440.



This preview shows how white text looks on a background with the CIELCh color 60, 5.983, 182.440.

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](#).

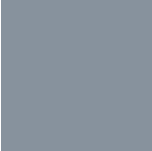
Dichromacy



Original Color
60, 5.983, 182.440

Protanopia
60, 1.615, 63.342

Deuteranopia
60, 7.493, 353.343



Tritanopia
60, 7.335, 257.310

Trichromacy



Original Color
60, 5.983, 182.440

Protanomaly
60, 1.626, 155.695

Deuteranomaly
60, 2.595, 338.762

Tritanomaly
60, 5.844, 234.610

Monochromacy



Original Color
60, 5.983, 182.440

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 2.386, 185.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 5.983, 182.440 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(133, 148, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 148, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 5.983, 182.440 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, 145) }
```

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

```
.border{ border-color:rgb(133, 148, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 148, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 148, 145);  
box-shadow:4px 4px 4px 4px rgb(133, 148,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 5.983, 182.440 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, 145) }
```

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

```
.background{ background-color: rgb(133,  
148, 145) }
```

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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