

Converting Colors

CIELCh(60, 9.510, 143.772)

Have a look what the booklet for
CIELCh(60, 9.510, 143.772) contains.

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Color

CIELCh(60, 9.440, 142.040)

Conversions

Conversions Part 1

Format	Color
Hex	879486
RGB	135, 148, 134
RGB Percent	53%, 58%, 53%
CMY	0.4699, 0.4189, 0.4739
CMYK	0.09, 0.00, 0.09, 0.42
HSL	116°, 6%, 55%
HSV	116°, 9%, 58%
XYZ	24.9495, 28.1233, 26.7284
YIQ	142.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

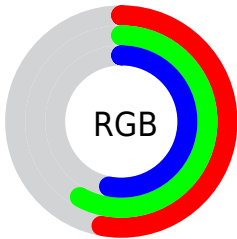
Format	Color
R_{YB}	134, 148, 147
Decimal	8885382
CIE Lab	60.00, -7.44, 5.81
CIE LCh	60, 9.440, 142.040
Yxy	28.1233, 0.3126, 0.3524
Android (android.graphics.Color)	4287075462 (0xFF879486)
YUV	142.5170, -4.1989, -6.5924
Hunter-Lab	53.0314, -8.8268, 7.2392

Details

The CIELCh color $60, 9.440, 142.040$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 9.468, 322.953$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 9.551, 142.276$, and $40, 9.456, 141.694$ is the 20% darker color. If you saturate the color by 10%, you get $59, 19.520, 141.427$, and if you desaturate by 10%, it is $61, 0.551, 322.187$.

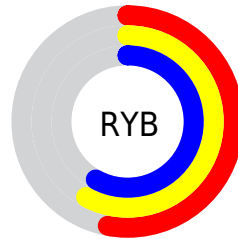
Distribution



Red (53%)

Green (58%)

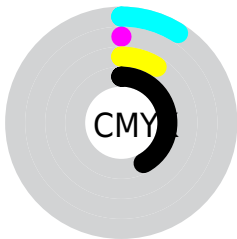
Blue (53%)



Red (53%)

Yellow (58%)

Blue (58%)

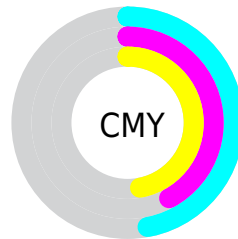


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 9.440, 142.040 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, 9.440, 142.040 by changing the saturation by 10% instead.

60, 9.440, 142.040

60, 9.440, 142.040

100, 9.440,
142.040

50, 9.440, 142.040

80, 9.440, 142.040

40, 9.440, 142.040

90, 9.440, 142.040

30, 9.440, 142.040

20, 9.440, 142.040

10, 9.440, 142.040

0, 9.440, 142.040

60, 9.440, 142.040

60, 9.440, 142.040

59, 19.520,
141.427

61, 0.551, 322.187

63, 10.375,

■ 57, 29.566,
140.729

322.961

■ 56, 39.421,
139.939

■ 65, 19.973,
323.346

■ 56, 48.874,
139.070

■ 67, 29.312,
323.669

■ 55, 57.657,
138.156

■ 68, 38.372,
323.943

■ 54, 65.434,
137.263

■ 70, 47.147,
324.176

■ 54, 71.814,
136.499

■ 73, 55.639,
324.374

■ 53, 76.411,
135.990

■ 75, 63.854,
324.543

■ 53, 79.338,
135.659

■ 76, 66.104,
326.687

Harmonies

Complementary

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



60, 9.440, 142.040



58, 9.468, 322.953

Rectangle

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



60, 9.440, 142.040



60, 9.440, 192.040



60, 9.440, 322.040



60, 9.440, 12.040

Sweetspot

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



60, 9.442, 142.041



78, 3.708, 142.424



61, 7.211, 105.644



41, 2.806, 142.372



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, 9.442, 142.041



76, 13.692, 141.937



60, 7.158, 158.746



31, 5.633, 142.055



50, 75.314, 135.595



2, 4.909, 142.513

Inverse Universe

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



58, 9.468, 322.953



73, 13.730, 323.043



57, 7.220, 340.085



29, 5.649, 322.940



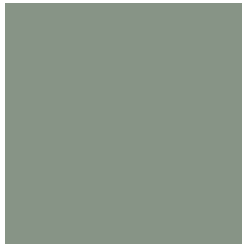
30, 73.386, 325.510



1, 4.910, 322.509

Previews

White Background



This preview shows how the CIE LCh color 60, 9.440, 142.040 looks on a white background.

Color Contrast Check

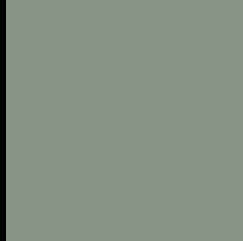
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.440, 142.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

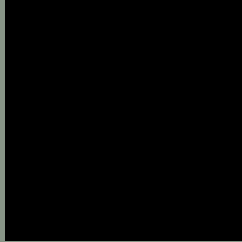
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

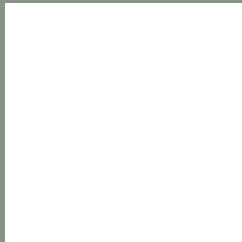
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 9.440, 142.040

Background



This preview shows how black text looks on a background with the CIELCh color 60, 9.440, 142.040.

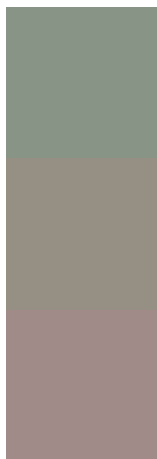


This preview shows how white text looks on a background with the CIELCh color 60, 9.440, 142.040.

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

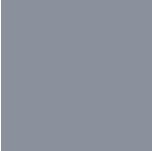
60, 9.440, 142.040

Protanopia

60, 7.160, 89.643

Deuteranopia

60, 9.053, 30.927



Tritanopia
60, 6.559, 270.974

Trichromacy



Original Color
60, 9.440, 142.040

Protanomaly
60, 7.316, 112.472

Deuteranomaly
60, 5.617, 64.107

Tritanomaly
60, 3.226, 219.785

Monochromacy



Original Color
60, 9.440, 142.040

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 3.445, 144.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 9.440, 142.040 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, 148, 134)` looks like.

```
.text, #text, p{  
    color:rgb(135, 148, 134)  
}
```

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, 148, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 148, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 9.440, 142.040 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, 148, 134) }
```

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

```
.border{ border-color:rgb(135, 148, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 148, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 148, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 148, 134);  
box-shadow:4px 4px 4px 4px rgb(135, 148,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 9.440, 142.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 148, 134) }
```

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

```
.background{ background-color: rgb(135,  
148, 134) }
```

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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