

Converting Colors

CIELCh(60, 11.387, 149.313)

Have a look what the booklet for
CIELCh(60, 11.387, 149.313)
contains.

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Color

CIELCh(60, 11.061, 148.651)

Conversions

Conversions Part 1

Format	Color
Hex	839586
RGB	131, 149, 134
RGB Percent	51%, 58%, 53%
CMY	0.4855, 0.4149, 0.4738
CMYK	0.12, 0.00, 0.10, 0.41
HSL	130°, 8%, 55%
HSV	130°, 12%, 59%
XYZ	24.4840, 28.1233, 26.7618
YIQ	141.9080, -5.9130, -8.4810

Conversions

Conversions Part 2

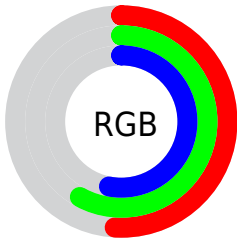
Format	Color
R_{YB}	131, 146, 149
Decimal	8623494
CIE _{Lab}	60.00, -9.45, 5.75
CIE _{LCh}	60, 11.061, 148.651
Yxy	28.1233, 0.3085, 0.3543
Android (android.graphics.Color)	4286813574 (0xFF839586)
YUV	141.9080, -3.8986, -9.5663
Hunter-Lab	53.0314, -10.3935, 7.2019

Details

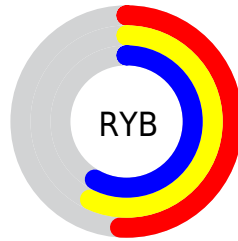
The CIELCh color $60, 11.061, 148.651$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 11.092, 330.082$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 11.079, 148.538$, and $40, 11.204, 148.645$ is the 20% darker color. If you saturate the color by 10%, you get $59, 20.297, 147.898$, and if you desaturate by 10%, it is $61, 1.879, 149.397$.

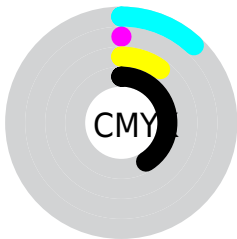
Distribution



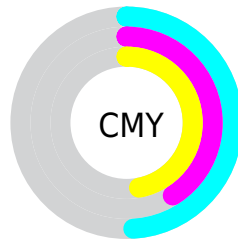
- Red (51%)
- Green (58%)
- Blue (53%)



- Red (51%)
- Yellow (57%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)





- Cyan (49%)
- Magenta (41%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 11.061, 148.651 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, 11.061, 148.651 by changing the saturation by 10% instead.


 60, 11.061,
148.651


 60, 11.061,
148.651


 100, 11.061,
148.651


 50, 11.061,
148.651


 80, 11.061,
148.651

 40, 11.061,
148.651


 90, 11.061,
148.651


 30, 11.061,
148.651

 20, 11.061,
148.651

 10, 11.061,
148.651

 0, 11.061, 148.651

 60, 11.061,

 60, 11.061,

148.651

148.651

■ 59, 20.297,
147.898

■ 61, 1.879, 149.397

■ 58, 29.463,
147.034

■ 63, 7.168, 329.789

■ 57, 38.415,
146.037

■ 65, 16.015,
330.288

■ 56, 46.973,
144.895

■ 67, 24.622,
330.713

■ 55, 54.939,
143.606

■ 68, 32.967,
331.083

■ 54, 62.099,
142.188

■ 71, 41.039,
331.409

■ 54, 68.244,
140.687

■ 73, 48.836,
331.699

■ 54, 73.181,
139.182

■ 75, 56.365,
331.957

■ 54, 76.249,
138.167

■ 76, 61.922,
329.199

Harmonies

Complementary

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



60, 11.061, 148.651



57, 11.092, 330.082

Rectangle

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



60, 11.061, 148.651



60, 11.061, 198.651



60, 11.061, 328.651



60, 11.061, 18.651

Sweetspot

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



60, 11.063, 148.651



78, 4.510, 149.212



61, 10.139, 115.188



41, 3.199, 149.160



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, 11.063, 148.651



76, 15.900, 148.492



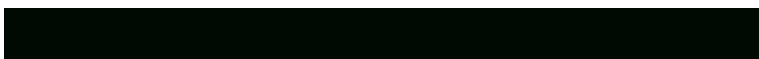
60, 7.792, 171.554



31, 5.132, 148.851



50, 71.725, 138.282



2, 4.473, 149.393

Inverse Universe

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



57, 11.092, 330.082



71, 15.944, 330.218



57, 8.015, 353.660



29, 5.146, 329.903



31, 64.370, 335.971



1, 4.473, 329.387

Previews

White Background



This preview shows how the CIE LCh color 60, 11.061, 148.651 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 60, 11.061, 148.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

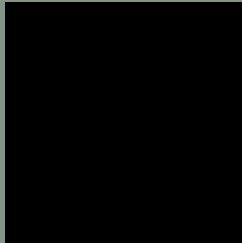
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 11.061, 148.651

Background



This preview shows how black text looks on a background with the CIELCh color 60, 11.061, 148.651.

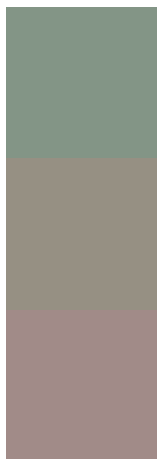


This preview shows how white text looks on a background with the CIELCh color 60, 11.061, 148.651.

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](#).

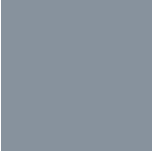
Dichromacy



Original Color
60, 11.061, 148.651

Protanopia
60, 7.695, 90.954

Deuteranopia
60, 9.053, 30.927



Tritanopia
60, 7.335, 257.310

Trichromacy



Original Color
60, 11.061, 148.651

Protanomaly
60, 7.968, 117.931

Deuteranomaly
60, 5.292, 77.675

Tritanomaly
60, 5.004, 212.119

Monochromacy



Original Color
60, 11.061, 148.651

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.374, 148.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 11.061, 148.651 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(131, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(131, 149, 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(131, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 149, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 11.061, 148.651 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(131, 149, 134) }
```

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

```
.border{ border-color:rgb(131, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 149, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 149, 134);  
box-shadow:4px 4px 4px 4px rgb(131, 149,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 11.061, 148.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 149, 134) }
```

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

```
.background{ background-color: rgb(131,  
149, 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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