

Converting Colors

CIELCh(57, 11.699, 357.871)

Have a look what the booklet for
CIELCh(57, 11.699, 357.871)
contains.

CIELCh(57, 11.699, 357.871)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 11.699, 357.871)

Conversions

Conversions Part 1

Format	Color
Hex	9D828A
RGB	157, 130, 138
RGB Percent	62%, 51%, 54%
CMY	0.3848, 0.4906, 0.4593
CMYK	0.00, 0.17, 0.12, 0.38
HSL	342°, 12%, 56%
HSV	342°, 17%, 62%
XYZ	26.4280, 24.9227, 27.4186
YIQ	138.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

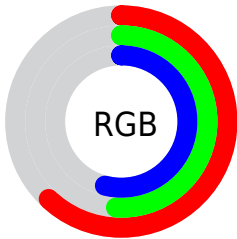
Format	Color
R _Y B	157, 130, 138
Decimal	10322570
CIE Lab	57.00, 11.69, -0.43
CIE LCh	57, 11.699, 357.871
Yxy	24.9227, 0.3355, 0.3164
Android (android.graphics.Color)	4288512650 (0xFF9D828A)
YUV	138.9850, -0.4856, 15.7992
Hunter-Lab	49.9226, 7.1295, 2.3824

Details

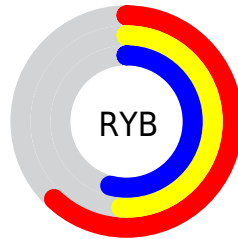
The CIELCh color $57, 11.699, 357.871$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 11.137, 174.668$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 11.702, 358.957$, and $37, 11.256, 358.749$ is the 20% darker color. If you saturate the color by 10%, you get $53, 18.815, 359.082$, and if you desaturate by 10%, it is $61, 4.803, 356.800$.

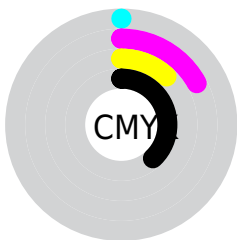
Distribution



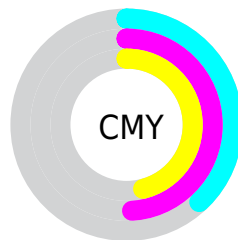
- Red (62%)
- Green (51%)
- Blue (54%)



- Red (62%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (38%)





- Cyan (38%)
- Magenta (49%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 11.699, 357.871 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 57, 11.699, 357.871 by changing the saturation by 10% instead.


 57, 11.699,
357.871


 57, 11.699,
357.871


 100, 11.699,
357.871


 47, 11.699,
357.871


 77, 11.699,
357.871

 37, 11.699,
357.871

 87, 11.699,
357.871

 27, 11.699,
357.871

 97, 11.699,
357.871

 17, 11.699,
357.871

 7, 11.699, 357.871

 0, 11.699, 357.871

57, 11.699,
357.871

57, 11.699,
357.871

53, 18.815,
359.082

61, 4.803, 356.800

49, 26.058, 0.498

66, 1.817, 176.205

45, 33.261, 2.203

71, 8.144, 175.237

41, 40.185, 4.299

75, 14.179,
174.503

38, 46.531, 6.921

80, 19.937,
173.850

36, 51.994, 10.229

84, 25.437,
173.259

34, 56.384, 14.372

33, 59.852, 19.307

89, 30.700,
172.719

33, 60.855, 20.663

94, 35.546,
172.436

■ 94, 32.842,
181.095

Harmonies

Complementary

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



57, 11.699, 357.871



62, 11.137, 174.668

Rectangle

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



57, 11.699, 357.871



57, 11.699, 47.871



57, 11.699, 177.871



57, 11.699, 227.871

Sweetspot

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



57, 11.697, 357.876



79, 4.111, 356.565



57, 17.058, 316.438



41, 2.802, 356.640



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 11.697, 357.876



70, 17.818, 358.361



58, 9.353, 39.171



31, 3.809, 357.017



29, 56.664, 20.154



1, 4.855, 357.289

Inverse Universe

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



57, 11.697, 357.876



70, 17.818, 358.361



61, 8.385, 220.102



31, 3.809, 357.017



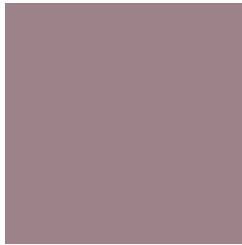
29, 56.664, 20.154



1, 4.855, 357.289

Previews

White Background



This preview shows how the CIELCh color 57, 11.699, 357.871 looks on a white background.

Color Contrast Check

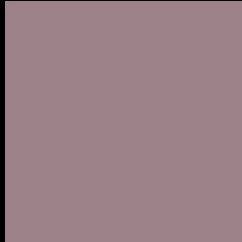
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 11.699, 357.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

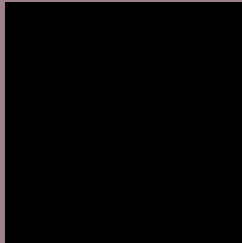
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 11.699, 357.871

Background



This preview shows how black text looks on a background with the CIELCh color 57, 11.699, 357.871.



This preview shows how white text looks on a background with the CIELCh color 57, 11.699, 357.871.

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
57, 11.699, 357.871

Protanopia
57, 3.525, 303.257

Deuteranopia
57, 7.148, 1.605



Tritanopia
57, 12.139, 352.873

Trichromacy



Original Color
57, 11.699, 357.871

Protanomaly
57, 5.901, 337.464

Deuteranomaly
57, 8.857, 1.658

Tritanomaly
57, 11.907, 355.324

Monochromacy



Original Color
57, 11.699, 357.871

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 4.310, 356.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 11.699, 357.871 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(157, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 130, 138)  
}
```

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(157, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 130, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 11.699, 357.871 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(157, 130, 138) }
```

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

```
.border{ border-color:rgb(157, 130, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 130, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 130, 138);  
box-shadow:4px 4px 4px 4px rgb(157, 130,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 11.699, 357.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 130, 138) }
```

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

```
.background{ background-color: rgb(157,  
130, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor