

Converting Colors

CIELCh(60, 12.973, 98.885)

Have a look what the booklet for
CIELCh(60, 12.973, 98.885) contains.

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Color

CIELCh(60, 13.068, 99.602)

Conversions

Conversions Part 1

Format	Color
Hex	96917A
RGB	150, 145, 122
RGB Percent	59%, 57%, 48%
CMY	0.4119, 0.4315, 0.5217
CMYK	0.00, 0.03, 0.19, 0.41
HSL	49°, 12%, 53%
HSV	49°, 19%, 59%
XYZ	26.2003, 28.1233, 22.4474
YIQ	143.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

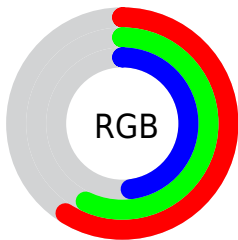
Format	Color
R_{YB}	128, 150, 122
Decimal	9867642
CIE _{Lab}	60.00, -2.18, 12.88
CIE _{LCh}	60, 13.068, 99.602
Yxy	28.1233, 0.3413, 0.3663
Android (android.graphics.Color)	4288057722 (0xFF96917A)
YUV	143.8730, -10.7834, 5.3734
Hunter-Lab	53.0314, -4.6166, 12.0254

Details

The CIELCh color $60, 13.068, 99.602$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 13.374, 283.970$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 13.376, 100.697$, and $40, 13.411, 100.311$ is the 20% darker color. If you saturate the color by 10%, you get $59, 20.100, 98.473$, and if you desaturate by 10%, it is $61, 6.049, 100.711$.

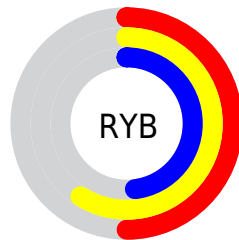
Distribution



Red (59%)

Green (57%)

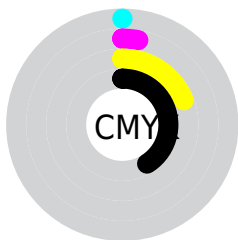
Blue (48%)



Red (50%)

Yellow (59%)

Blue (48%)

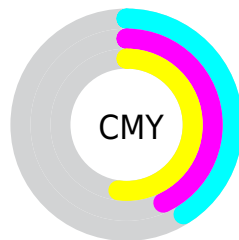


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (43%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 13.068, 99.602 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, 13.068, 99.602 by changing the saturation by 10% instead.

60, 13.068, 99.602

60, 13.068, 99.602

100, 13.068,
99.602

50, 13.068, 99.602

80, 13.068, 99.602

40, 13.068, 99.602

90, 13.068, 99.602

30, 13.068, 99.602

20, 13.068, 99.602

10, 13.068, 99.602

0, 13.068, 99.602

60, 13.068, 99.602

60, 13.068, 99.602

59, 20.100, 98.473

61, 6.049, 100.711

58, 27.089, 97.315

62, 0.933, 281.935

57, 33.948, 96.145

63, 7.861, 282.864

56, 40.527, 94.969

65, 14.726,
283.855

55, 46.582, 93.792

66, 21.525,
284.807

54, 51.745, 92.607

53, 55.539, 91.391

67, 28.258,
285.713

53, 57.873, 90.128

68, 34.923,
286.574

53, 58.182, 89.964

70, 41.523,
287.389

71, 47.030,
287.889

Harmonies

Complementary

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



60, 13.068, 99.602



53, 13.374, 283.970

Rectangle

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



60, 13.068, 99.602



60, 13.068, 149.602



60, 13.068, 279.602



60, 13.068, 329.602

Sweetspot

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



60, 13.069, 99.609



78, 5.152, 100.981



54, 11.780, 6.310



41, 3.409, 100.922



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, 13.069, 99.609



75, 18.996, 99.184



61, 16.070, 121.407



31, 3.897, 100.655



49, 54.711, 90.075



2, 3.409, 101.665

Inverse Universe

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



53, 13.374, 283.970



66, 19.535, 284.516



53, 16.630, 303.537



29, 3.946, 282.734



18, 74.194, 302.511



1, 3.410, 281.668

Previews

White Background



This preview shows how the CIELCh color 60, 13.068, 99.602 looks on a white background.

Color Contrast Check

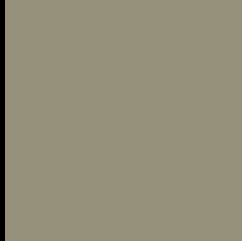
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.068, 99.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

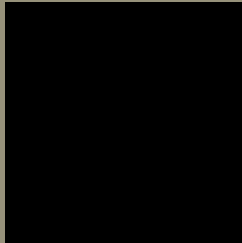
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

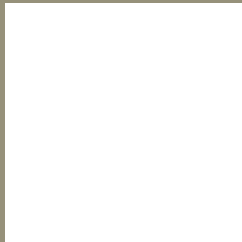
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 13.068, 99.602

Background



This preview shows how black text looks on a background with the CIELCh color 60, 13.068, 99.602.



This preview shows how white text looks on a background with the CIELCh color 60, 13.068, 99.602.

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, 13.068, 99.602

Protanopia

60, 12.795, 93.750

Deuteranopia

60, 14.550, 58.153



Tritanopia
60, 8.017, 329.430

Trichromacy



Original Color
60, 13.068, 99.602

Protanomaly
60, 12.693, 95.567

Deuteranomaly
60, 12.904, 71.172

Tritanomaly
60, 4.385, 27.094

Monochromacy



Original Color
60, 13.068, 99.602

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.565, 99.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 13.068, 99.602 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(150, 145, 122)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 122)  
}
```

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(150, 145, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 13.068, 99.602 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(150, 145, 122) }
```

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

```
.border{ border-color:rgb(150, 145, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 122);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 13.068, 99.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 122) }
```

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

```
.background{ background-color: rgb(150,  
145, 122) }
```

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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