

Converting Colors

CIELCh(60, 13.803, 82.506)

Have a look what the booklet for
CIELCh(60, 13.803, 82.506) contains.

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Color

CIELCh(60, 13.697, 83.513)

Conversions

Conversions Part 1

Format	Color
Hex	9D8F79
RGB	157, 143, 121
RGB Percent	62%, 56%, 47%
CMY	0.3850, 0.4398, 0.5261
CMYK	0.00, 0.09, 0.23, 0.38
HSL	37°, 15%, 54%
HSV	37°, 23%, 62%
XYZ	27.1110, 28.1233, 22.0371
YIQ	144.6780, 15.4060, -3.8740

Conversions

Conversions Part 2

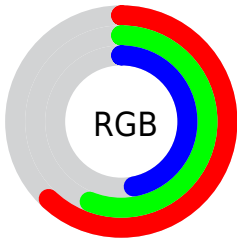
Format	Color
RYB	144, 157, 121
Decimal	10325881
CIELab	60.00, 1.55, 13.61
CIElCh	60, 13.697, 83.513
Yxy	28.1233, 0.3509, 0.3640
Android (android.graphics.Color)	4288515961 (0xFF9D8F79)
YUV	144.6780, -11.6733, 10.8064
Hunter-Lab	53.0314, -1.5514, 12.4842

Details

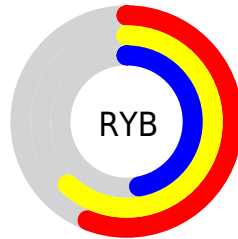
The CIELCh color $60, 13.697, 83.513$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 13.411, 269.777$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.002, 84.429$, and $40, 13.910, 84.779$ is the 20% darker color. If you saturate the color by 10%, you get $58, 19.941, 82.202$, and if you desaturate by 10%, it is $62, 7.618, 84.796$.

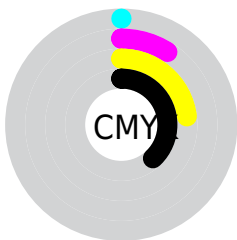
Distribution



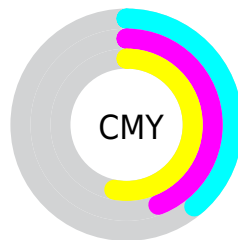
- Red (62%)
- Green (56%)
- Blue (47%)



- Red (56%)
- Yellow (62%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (23%)
- Black (38%)



- Cyan (39%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 13.697, 83.513 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, 13.697, 83.513 by changing the saturation by 10% instead.

60, 13.697, 83.513

60, 13.697, 83.513

100, 13.697,
83.513

50, 13.697, 83.513

80, 13.697, 83.513

40, 13.697, 83.513

90, 13.697, 83.513

30, 13.697, 83.513

20, 13.697, 83.513

10, 13.697, 83.513

0, 13.697, 83.513

60, 13.697, 83.513

60, 13.697, 83.513

58, 19.941, 82.202

62, 7.618, 84.796

56, 26.327, 80.845

64, 1.706, 85.937

54, 32.798, 79.447

66, 4.047, 267.337

52, 39.234, 77.988

68, 9.649, 268.460

51, 45.401, 76.424

70, 15.115,
269.560

49, 50.882, 74.655

73, 20.456,
270.614

47, 55.050, 72.503

46, 57.470, 70.884

75, 25.685,
271.618

77, 30.811,
272.573

79, 32.461,
270.590

Harmonies

Complementary

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



60, 13.697, 83.513



56, 13.411, 269.777

Rectangle

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



60, 13.697, 83.513



60, 13.697, 133.513



60, 13.697, 263.513



60, 13.697, 313.513

Sweetspot

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



60, 13.698, 83.521



80, 5.057, 85.501



55, 16.573, 351.605



42, 3.281, 85.439



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 13.698, 83.521



75, 20.867, 82.789



64, 19.935, 112.277



32, 3.330, 85.249



42, 53.646, 71.171



3, 4.190, 83.526

Inverse Universe

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



56, 13.411, 269.777



69, 20.313, 270.780



52, 20.991, 296.252



31, 3.310, 267.679



26, 56.629, 292.333



1, 4.405, 268.194

Previews

White Background



This preview shows how the CIELCh color 60, 13.697, 83.513 looks on a white background.

Color Contrast Check

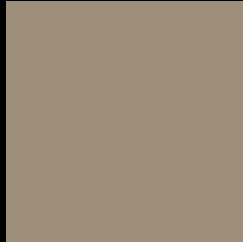
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.697, 83.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

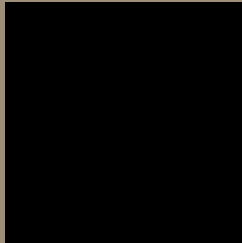
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 13.697, 83.513

Background



This preview shows how black text looks on a background with the CIELCh color 60, 13.697, 83.513.



This preview shows how white text looks on a background with the CIELCh color 60, 13.697, 83.513.

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, 13.697, 83.513

Protanopia

60, 12.795, 93.750

Deuteranopia

60, 15.269, 58.707



Tritanopia
60, 10.287, 343.426

Trichromacy



Original Color
60, 13.697, 83.513

Protanomaly
60, 13.039, 90.203

Deuteranomaly
60, 14.055, 65.761

Tritanomaly
60, 7.624, 24.321

Monochromacy



Original Color
60, 13.697, 83.513

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.910, 85.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 13.697, 83.513 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, 143, 121)` looks like.

```
.text, #text, p{  
    color:rgb(157, 143, 121)  
}
```

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, 143, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 143, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 13.697, 83.513 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, 143, 121) }
```

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

```
.border{ border-color:rgb(157, 143, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 143, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 143, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 143, 121);  
box-shadow:4px 4px 4px 4px rgb(157, 143,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 13.697, 83.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 143, 121) }
```

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

```
.background{ background-color: rgb(157,  
143, 121) }
```

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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