

Converting Colors

CIELCh(60, 11.288, 67.970)

Have a look what the booklet for
CIELCh(60, 11.288, 67.970) contains.

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Color

CIELCh(60, 11.288, 67.970)

Conversions

Conversions Part 1

Format	Color
Hex	9F8D7E
RGB	159, 141, 126
RGB Percent	62%, 55%, 49%
CMY	0.3746, 0.4452, 0.5041
CMYK	0.00, 0.11, 0.21, 0.37
HSL	27°, 15%, 56%
HSV	27°, 21%, 63%
XYZ	27.7803, 28.1233, 23.8558
YIQ	144.6720, 15.5430, -0.8490

Conversions

Conversions Part 2

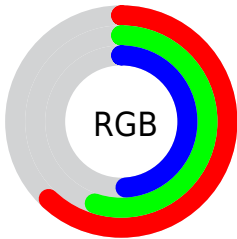
Format	Color
R_{YB}	159, 154, 126
Decimal	10456446
CIE _{Lab}	60.00, 4.23, 10.46
CIE _{LCh}	60, 11.288, 67.970
Yxy	28.1233, 0.3483, 0.3526
Android (android.graphics.Color)	4288646526 (0xFF9F8D7E)
YUV	144.6720, -9.2053, 12.5657
Hunter-Lab	53.0314, 0.7015, 10.4508

Details

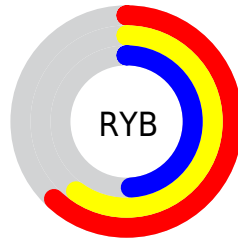
The CIELCh color $60, 11.288, 67.970$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.535, 253.154$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 11.219, 68.712$, and $40, 11.261, 68.590$ is the 20% darker color. If you saturate the color by 10%, you get $57, 17.201, 66.859$, and if you desaturate by 10%, it is $63, 5.682, 69.084$.

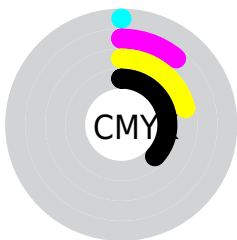
Distribution



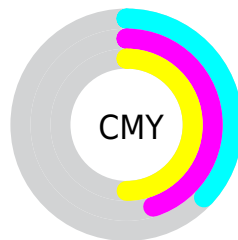
- Red (62%)
- Green (55%)
- Blue (49%)



- Red (62%)
- Yellow (60%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (37%)



- Cyan (37%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 11.288, 67.970 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, 11.288, 67.970 by changing the saturation by 10% instead.

60, 11.288, 67.970

60, 11.288, 67.970

100, 11.288,
67.970

50, 11.288, 67.970

80, 11.288, 67.970

40, 11.288, 67.970

90, 11.288, 67.970

30, 11.288, 67.970

20, 11.288, 67.970

10, 11.288, 67.970

0, 11.288, 67.970

60, 11.288, 67.970

60, 11.288, 67.970

57, 17.201, 66.859

63, 5.682, 69.084

55, 23.435, 65.741

65, 0.361, 69.323

52, 29.981, 64.630

68, 4.705, 251.449

50, 36.786, 63.515

71, 9.541, 252.496

47, 43.707, 62.351

74, 14.174,
253.538

45, 50.433, 61.027

77, 18.628,
254.552

43, 56.364, 59.304

41, 61.079, 57.466

80, 22.924,
255.530

82, 27.082,
256.470

85, 25.565,
245.432

Harmonies

Complementary

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



60, 11.288, 67.970



59, 10.535, 253.154

Rectangle

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



60, 11.288, 67.970



60, 11.288, 117.970



60, 11.288, 247.970



60, 11.288, 297.970

Sweetspot

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



60, 11.288, 67.981



81, 3.882, 69.556



57, 16.578, 342.730



43, 2.600, 69.498



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 11.288, 67.981



75, 17.043, 67.447



64, 17.329, 106.057



32, 2.968, 69.240



37, 56.201, 57.853



2, 3.761, 67.613

Inverse Universe

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



59, 10.535, 253.154



73, 15.622, 253.944



55, 18.073, 290.478



32, 2.888, 251.532



33, 41.971, 278.161



2, 3.876, 253.531

Previews

White Background



This preview shows how the CIELCh color 60, 11.288, 67.970 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, 11.288, 67.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

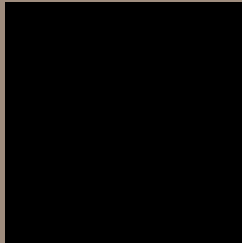
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 11.288, 67.970

Background



This preview shows how black text looks on a background with the CIELCh color 60, 11.288, 67.970.



This preview shows how white text looks on a background with the CIELCh color 60, 11.288, 67.970.

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, 11.288, 67.970

Protanopia

60, 9.432, 91.524

Deuteranopia

60, 12.783, 51.936



Tritanopia
60, 11.262, 347.223

Trichromacy



Original Color
60, 11.288, 67.970

Protanomaly
60, 10.071, 82.521

Deuteranomaly
60, 12.058, 57.213

Tritanomaly
60, 8.846, 12.983

Monochromacy



Original Color
60, 11.288, 67.970

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.117, 74.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 11.288, 67.970 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(159, 141, 126)` looks like.

```
.text, #text, p{  
    color:rgb(159, 141, 126)  
}
```

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(159, 141, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 141, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 11.288, 67.970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

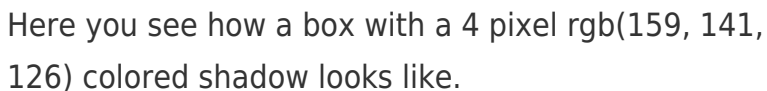
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 141, 126) }
```

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

```
.border{ border-color:rgb(159, 141, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 141, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 141, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 141, 126); box-shadow:4px 4px 4px 4px rgb(159, 141, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 11.288, 67.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 141, 126) }
```

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

```
.background{ background-color: rgb(159,  
141, 126) }
```

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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