

Converting Colors

CIELCh(60, 12.482, 130.334)

Have a look what the booklet for
CIELCh(60, 12.482, 130.334)
contains.

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Color

CIELCh(60, 12.096, 130.233)

Conversions

Conversions Part 1

Format	Color
Hex	899480
RGB	137, 148, 128
RGB Percent	54%, 58%, 50%
CMY	0.4621, 0.4190, 0.4974
CMYK	0.07, 0.00, 0.14, 0.42
HSL	93°, 9%, 54%
HSV	93°, 14%, 58%
XYZ	24.8631, 28.1233, 24.5931
YIQ	142.4310, -0.1360, -8.5520

Conversions

Conversions Part 2

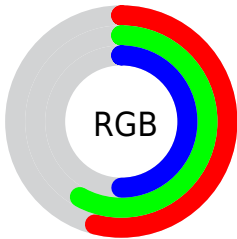
Format	Color
R_{YB}	128, 148, 139
Decimal	9016448
CIE _{Lab}	60.00, -7.81, 9.23
CIE _{LCh}	60, 12.096, 130.233
Yxy	28.1233, 0.3205, 0.3625
Android (android.graphics.Color)	4287206528 (0xFF899480)
YUV	142.4310, -7.1145, -4.7630
Hunter-Lab	53.0314, -9.1176, 9.6265

Details

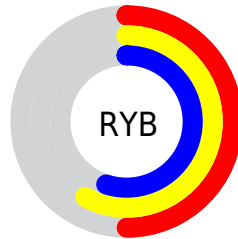
The CIELCh color $60, 12.096, 130.233$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 12.295, 311.362$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 12.048, 131.094$, and $40, 11.765, 130.231$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.068, 129.774$, and if you desaturate by 10%, it is $61, 3.125, 130.690$.

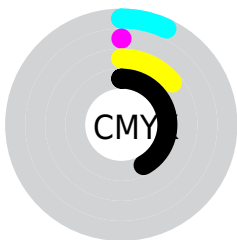
Distribution



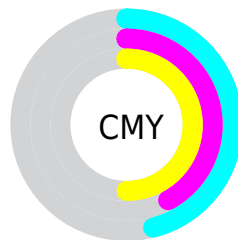
- Red (54%)
- Green (58%)
- Blue (50%)



- Red (50%)
- Yellow (58%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)





- Cyan (46%)
- Magenta (42%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 12.096, 130.233 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, 12.096, 130.233 by changing the saturation by 10% instead.


 60, 12.096,
130.233


 60, 12.096,
130.233


 100, 12.096,
130.233


 50, 12.096,
130.233


 80, 12.096,
130.233

 40, 12.096,
130.233


 90, 12.096,
130.233


 30, 12.096,
130.233

 20, 12.096,
130.233

 10, 12.096,
130.233

 0, 12.096, 130.233

 60, 12.096,

 60, 12.096,

130.233

■ 59, 21.068,
129.774

■ 58, 29.958,
129.300

■ 57, 38.658,
128.834

■ 57, 47.011,
128.414

■ 56, 54.797,
128.104

■ 56, 61.715,
127.995

■ 55, 67.402,
128.203

■ 55, 71.530,
128.839

130.233

■ 61, 3.125, 130.690

■ 62, 5.794, 311.031

■ 63, 14.621,
311.400

■ 64, 23.326,
311.724

■ 66, 31.891,
312.012

■ 67, 40.304,
312.266

■ 68, 48.555,
312.491

■ 70, 56.642,
312.689

■ 54, 73.714,
129.324

■ 71, 61.371,
313.852

Harmonies

Complementary

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



60, 12.096, 130.233



55, 12.295, 311.362

Rectangle

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



60, 12.096, 130.233



60, 12.096, 180.233



60, 12.096, 310.233



60, 12.096, 0.233

Sweetspot

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



60, 12.098, 130.236



78, 4.444, 130.661



58, 7.214, 78.937



41, 3.151, 130.628



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, 12.098, 130.236



76, 17.851, 130.107



59, 13.373, 145.013



31, 5.048, 130.428



51, 69.809, 129.218



2, 4.417, 130.798

Inverse Universe

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



55, 12.295, 311.362



69, 18.199, 311.491



56, 13.391, 326.530



29, 5.108, 311.169



21, 77.895, 313.365



1, 4.417, 310.795

Previews

White Background



This preview shows how the CIELCh color 60, 12.096, 130.233 looks on a white background.

Color Contrast Check

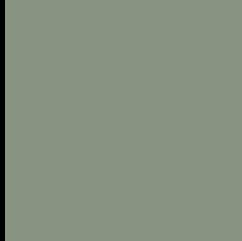
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.096, 130.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

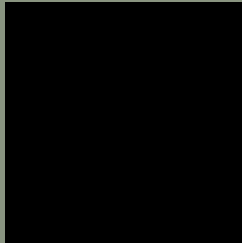
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

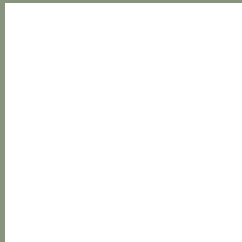
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 12.096, 130.233

Background



This preview shows how black text looks on a background with the CIELCh color 60, 12.096, 130.233.



This preview shows how white text looks on a background with the CIELCh color 60, 12.096, 130.233.

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](#).

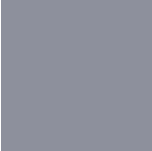
Dichromacy



Original Color
60, 12.096, 130.233

Protanopia
60, 10.512, 93.178

Deuteranopia
60, 11.501, 46.245



Tritanopia
60, 6.854, 281.545

Trichromacy



Original Color
60, 12.096, 130.233

Protanomaly
60, 10.663, 108.956

Deuteranomaly
60, 8.811, 75.547

Tritanomaly
60, 2.301, 199.374

Monochromacy



Original Color
60, 12.096, 130.233

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 4.258, 131.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 12.096, 130.233 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(137, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(137, 148, 128)  
}
```

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(137, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 148, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 12.096, 130.233 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(137, 148, 128) }
```

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

```
.border{ border-color:rgb(137, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(137, 148,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 12.096, 130.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 148, 128) }
```

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

```
.background{ background-color: rgb(137,  
148, 128) }
```

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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