

Converting Colors

CIELCh(60, 30.710, 119.696)

Have a look what the booklet for
CIELCh(60, 30.710, 119.696)
contains.

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Color

CIELCh(60, 30.602, 119.628)

Conversions

Conversions Part 1

Format	Color
Hex	879761
RGB	135, 151, 97
RGB Percent	53%, 59%, 38%
CMY	0.4708, 0.4081, 0.6198
CMYK	0.11, 0.00, 0.36, 0.41
HSL	78°, 22%, 49%
HSV	78°, 36%, 59%
XYZ	23.1954, 28.1233, 15.5021
YIQ	140.0600, 7.7980, -20.1860

Conversions

Conversions Part 2

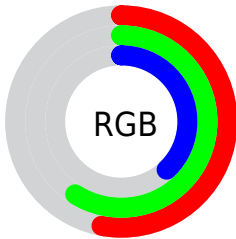
Format	Color
R_{YB}	97, 151, 113
Decimal	8886113
CIE _{Lab}	60.00, -15.13, 26.60
CIE _{LCh}	60, 30.602, 119.628
Yxy	28.1233, 0.3471, 0.4209
Android (android.graphics.Color)	4287076193 (0xFF879761)
YUV	140.0600, -21.2286, -4.4376
Hunter-Lab	53.0314, -14.7310, 19.7904

Details

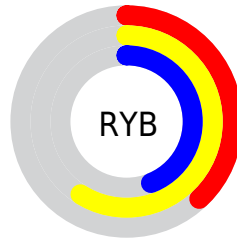
The CIELCh color $60, 30.602, 119.628$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 32.888, 304.129$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 30.584, 119.415$, and $40, 30.799, 119.669$ is the 20% darker color. If you saturate the color by 10%, you get $59, 38.780, 119.098$, and if you desaturate by 10%, it is $61, 22.177, 120.200$.

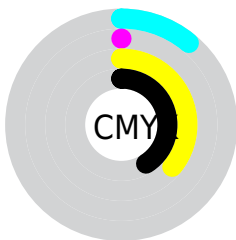
Distribution



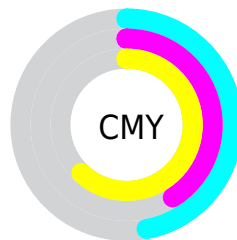
- Red (53%)
- Green (59%)
- Blue (38%)



- Red (38%)
- Yellow (59%)
- Blue (44%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)





- Cyan (47%)
- Magenta (41%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 30.602, 119.628 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, 30.602, 119.628 by changing the saturation by 10% instead.

 60, 30.602,
119.628


 60, 30.602,
119.628


 100, 30.602,
119.628


 50, 30.602,
119.628


 80, 30.602,
119.628

 40, 30.602,
119.628

 90, 30.602,
119.628

 30, 30.602,
119.628

 20, 30.602,
119.628

 10, 30.602,
119.628

 0, 30.602, 119.628

 60, 30.602,

 60, 30.602,

119.628

119.628

■ 59, 38.780,
119.098

■ 61, 22.177,
120.200

■ 59, 46.541,
118.647

■ 61, 13.611,
120.779

■ 58, 53.649,
118.339

■ 62, 4.982, 121.352

■ 58, 59.781,
118.260

■ 63, 3.659, 301.882

■ 58, 64.566,
118.513

■ 64, 12.273,
302.410

■ 57, 67.769,
119.171

■ 64, 20.835,
302.899

■ 57, 68.947,
119.476

■ 65, 29.323,
303.355

■ 66, 37.725,
303.778

■ 67, 46.028,
304.168

Harmonies

Complementary

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



60, 30.602, 119.628



45, 32.888, 304.129

Rectangle

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



60, 30.602, 119.628



60, 30.602, 169.628



60, 30.602, 299.628



60, 30.602, 349.628

Sweetspot

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



60, 30.603, 119.630



78, 11.766, 121.041



51, 19.531, 47.787



41, 7.968, 120.970



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 30.603, 119.630



76, 45.239, 119.195



58, 34.757, 136.453



32, 4.933, 121.155



53, 65.310, 119.384



3, 5.359, 122.106

Inverse Universe

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



45, 32.888, 304.129



53, 49.587, 304.826



47, 35.356, 319.834



30, 5.023, 302.197



17, 83.058, 308.482



0, 5.347, 301.475

Previews

White Background



This preview shows how the CIELCh color 60, 30.602, 119.628 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, 30.602, 119.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

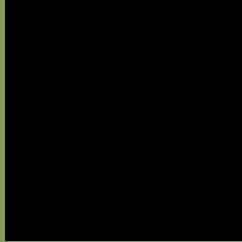
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.602, 119.628

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.602, 119.628.



This preview shows how white text looks on a background with the CIELCh color 60, 30.602, 119.628.

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, 30.602, 119.628

Protanopia
60, 28.446, 95.355

Deuteranopia
60, 26.376, 73.057



Tritanopia
60, 6.222, 287.425

Trichromacy



Original Color
60, 30.602, 119.628

Protanomaly
60, 28.828, 105.133

Deuteranomaly
60, 25.617, 91.484

Tritanomaly
60, 7.841, 130.045

Monochromacy



Original Color
60, 30.602, 119.628

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 11.542, 121.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.602, 119.628 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(135, 151, 97)` looks like.

```
.text, #text, p{  
    color:rgb(135, 151, 97)  
}
```

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(135, 151, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 151, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.602, 119.628 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(135, 151, 97) }
```

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

```
.border{ border-color:rgb(135, 151, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 151, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 151, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 151, 97);  
box-shadow:4px 4px 4px 4px rgb(135, 151,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.602, 119.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 151, 97) }
```

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

```
.background{ background-color: rgb(135,  
151, 97) }
```

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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