

Converting Colors

CIELCh(61, 12.574, 108.295)

Have a look what the booklet for
CIELCh(61, 12.574, 108.295)
contains.

CIELCh(61, 12.852, 108.726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 12.852, 108.726)

Conversions

Conversions Part 1

Format	Color
Hex	95957E
RGB	149, 149, 126
RGB Percent	58%, 58%, 49%
CMY	0.4170, 0.4170, 0.5071
CMYK	0.00, 0.00, 0.15, 0.42
HSL	60°, 10%, 54%
HSV	60°, 15%, 58%
XYZ	26.7755, 29.2481, 23.8655
YIQ	146.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

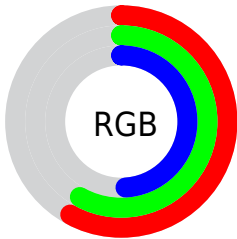
Format	Color
R_{YB}	126, 149, 126
Decimal	9803134
CIE _{Lab}	61.00, -4.13, 12.17
CIE _{LCh}	61, 12.852, 108.726
Yxy	29.2481, 0.3352, 0.3661
Android (android.graphics.Color)	4287993214 (0xFF95957E)
YUV	146.3780, -10.0464, 2.2995
Hunter-Lab	54.0815, -6.2682, 11.6931

Details

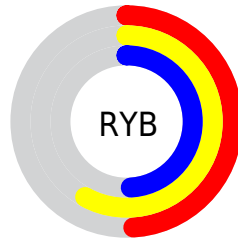
The CIELCh color $61, 12.852, 108.726$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 13.303, 291.816$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 12.675, 109.040$, and $41, 12.627, 108.247$ is the 20% darker color. If you saturate the color by 10%, you get $61, 21.079, 107.789$, and if you desaturate by 10%, it is $61, 4.548, 109.666$.

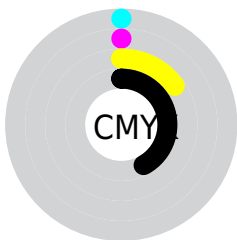
Distribution



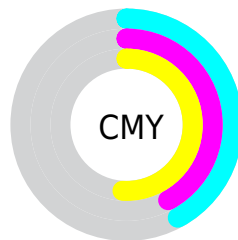
- Red (58%)
- Green (58%)
- Blue (49%)



- Red (49%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)





- Cyan (42%)
- Magenta (42%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 12.852, 108.726 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 61, 12.852, 108.726 by changing the saturation by 10% instead.


 61, 12.852,
108.726


 61, 12.852,
108.726


 100, 12.852,
108.726


 51, 12.852,
108.726


 81, 12.852,
108.726

 41, 12.852,
108.726

 91, 12.852,
108.726

 31, 12.852,
108.726

 21, 12.852,
108.726

 11, 12.852,
108.726

 1, 12.852, 108.726

 0, 12.852, 108.726

■ 61, 12.852,
108.726

■ 61, 12.852,
108.726

■ 61, 21.079,
107.789

■ 61, 4.548, 109.666

■ 60, 29.154,
106.857

■ 62, 3.791, 290.617

■ 60, 36.969,
105.956

■ 62, 12.132,
291.510

■ 60, 44.355,
105.113

■ 63, 20.454,
292.380

■ 60, 51.067,
104.358

■ 63, 28.741,
293.214

■ 60, 56.774,
103.728

■ 64, 36.980,
294.009

■ 60, 61.099,
103.259

■ 65, 45.164,
294.764

■ 60, 63.799,

■ 65, 53.285,
295.477

102.971

■ 66, 58.910,
295.949

■ 60, 64.811,
102.864

Harmonies

Complementary

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



61, 12.852, 108.726



53, 13.303, 291.816

Rectangle

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



61, 12.852, 108.726



61, 12.852, 158.726



61, 12.852, 288.726



61, 12.852, 338.726

Sweetspot

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



61, 12.853, 108.732



78, 5.164, 109.699



55, 9.415, 20.389



41, 3.513, 109.641



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 12.853, 108.732



78, 19.576, 108.362



60, 13.730, 128.398



31, 4.681, 109.320



56, 61.289, 102.864



3, 4.113, 110.184

Inverse Universe

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



53, 13.303, 291.816



66, 20.445, 292.297



54, 14.015, 309.753



28, 4.780, 291.110



15, 84.628, 306.288



0, 4.113, 290.186

Previews

White Background



This preview shows how the CIELCh color 61, 12.852, 108.726 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 61, 12.852, 108.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

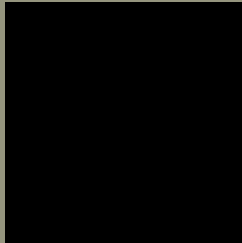
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

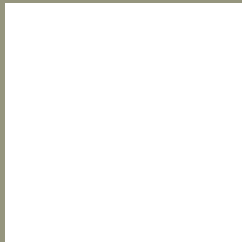
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 12.852, 108.726

Background



This preview shows how black text looks on a background with the CIELCh color 61, 12.852, 108.726.



This preview shows how white text looks on a background with the CIELCh color 61, 12.852, 108.726.

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


61, 12.852, 108.726

Protanopia

61, 12.747, 93.793

Deuteranopia

61, 13.770, 57.565



Tritanopia
61, 7.622, 317.593

Trichromacy



Original Color
61, 12.852, 108.726

Protanomaly
61, 13.020, 99.640

Deuteranomaly
61, 11.873, 72.849

Tritanomaly
61, 2.026, 35.445

Monochromacy



Original Color
61, 12.852, 108.726

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.487, 109.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 12.852, 108.726 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(149, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 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(149, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 12.852, 108.726 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(149, 149, 126) }
```

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

```
.border{ border-color:rgb(149, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 12.852, 108.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 126) }
```

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

```
.background{ background-color: rgb(149,  
149, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor