

Converting Colors

CIE LCh(57, 13.131, 140.136)

Have a look what the booklet for
CIELCh(57, 13.131, 140.136)
contains.

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Color

CIELCh(57, 13.499, 140.998)

Conversions

Conversions Part 1

Format	Color
Hex	7C8E7A
RGB	124, 142, 122
RGB Percent	49%, 56%, 48%
CMY	0.5148, 0.4443, 0.5227
CMYK	0.13, 0.00, 0.14, 0.44
HSL	114°, 8%, 52%
HSV	114°, 14%, 56%
XYZ	21.3971, 24.9227, 22.0041
YIQ	134.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

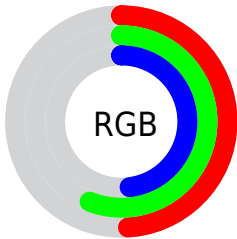
Format	Color
R_{YB}	122, 142, 140
Decimal	8162938
CIE _{Lab}	57.00, -10.49, 8.50
CIE _{LCh}	57, 13.499, 140.998
Yxy	24.9227, 0.3132, 0.3648
Android (android.graphics.Color)	4286353018 (0xFF7C8E7A)
YUV	134.3380, -6.0826, -9.0664
Hunter-Lab	49.9226, -10.8585, 8.8130

Details

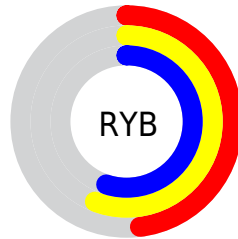
The CIELCh color $57, 13.499, 140.998$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 13.551, 322.367$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.813, 140.136$, and $37, 13.858, 140.519$ is the 20% darker color. If you saturate the color by 10%, you get $56, 23.131, 140.378$, and if you desaturate by 10%, it is $58, 3.905, 141.565$.

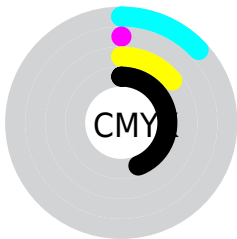
Distribution



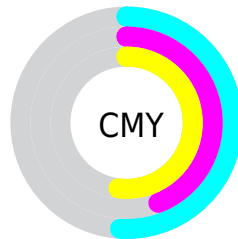
- Red (49%)
- Green (56%)
- Blue (48%)



- Red (48%)
- Yellow (56%)
- Blue (55%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 13.499, 140.998 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 57, 13.499, 140.998 by changing the saturation by 10% instead.

 57, 13.499,
140.998


 57, 13.499,
140.998

 100, 13.499,
140.998


 47, 13.499,
140.998


 77, 13.499,
140.998

 37, 13.499,
140.998

 87, 13.499,
140.998

 27, 13.499,
140.998

 97, 13.499,
140.998

 17, 13.499,
140.998

 7, 13.499, 140.998

 0, 13.499, 140.998

■ 57, 13.499,
140.998

■ 57, 13.499,
140.998

■ 56, 23.131,
140.378

■ 58, 3.905, 141.565

■ 55, 32.673,
139.675

■ 60, 5.567, 321.944

■ 54, 41.962,
138.895

■ 61, 14.854,
322.356

■ 53, 50.780,
138.060

■ 63, 23.914,
322.695

■ 52, 58.850,
137.218

■ 65, 32.724,
322.981

■ 52, 65.828,
136.454

■ 67, 41.272,
323.224


■ 51, 71.332,
135.885


■ 68, 49.557,
323.431

■ 51, 75.043,

■ 70, 57.581,
323.608

135.621

 72, 65.353,
323.758

 51, 76.728,
135.425

Harmonies

Complementary

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



57, 13.499, 140.998



53, 13.551, 322.367

Rectangle

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



57, 13.499, 140.998



57, 13.499, 190.998



57, 13.499, 320.998



57, 13.499, 10.998

Sweetspot

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



57, 13.501, 140.999



74, 4.695, 141.567



58, 10.207, 104.366



38, 3.327, 141.526



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 13.501, 140.999



72, 20.120, 140.806



57, 10.444, 157.583



30, 5.421, 141.278



49, 74.101, 135.397



2, 3.649, 141.717

Inverse Universe

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



53, 13.551, 322.367



66, 20.205, 322.523



53, 10.557, 339.657



28, 5.439, 322.127



29, 72.571, 324.454



1, 3.650, 321.713

Previews

White Background



This preview shows how the CIELCh color 57, 13.499, 140.998 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 57, 13.499, 140.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

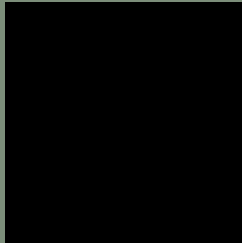
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 13.499, 140.998

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.499, 140.998.



This preview shows how white text looks on a background with the CIELCh color 57, 13.499, 140.998.

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
57, 13.499, 140.998

Protanopia
57, 10.077, 92.301

Deuteranopia
57, 10.205, 46.515



Tritanopia
57, 7.217, 259.871

Trichromacy



Original Color
57, 13.499, 140.998

Protanomaly
57, 10.248, 113.539

Deuteranomaly
57, 7.916, 88.038

Tritanomaly
57, 4.971, 198.996

Monochromacy



Original Color
57, 13.499, 140.998

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 4.882, 144.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.499, 140.998 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(124, 142, 122)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 122)  
}
```

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(124, 142, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.499, 140.998 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(124, 142, 122) }
```

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

```
.border{ border-color:rgb(124, 142, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 142, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 122);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.499, 140.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 122) }
```

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

```
.background{ background-color: rgb(124,  
142, 122) }
```

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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