

Converting Colors

CIELCh(57, 14.647, 143.575)

Have a look what the booklet for
CIELCh(57, 14.647, 143.575)
contains.

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Color

CIELCh(57, 14.647, 143.575)

Conversions

Conversions Part 1

Format	Color
Hex	798E79
RGB	121, 142, 121
RGB Percent	47%, 56%, 47%
CMY	0.5242, 0.4418, 0.5242
CMYK	0.15, 0.00, 0.15, 0.44
HSL	120°, 9%, 52%
HSV	120°, 15%, 56%
XYZ	21.1250, 24.9227, 21.8910
YIQ	133.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

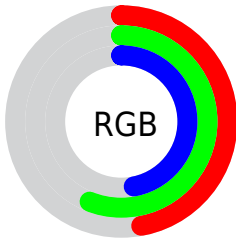
Format	Color
R _{YB}	121, 142, 142
Decimal	7966329
CIE Lab	57.00, -11.79, 8.70
CIE LCh	57, 14.647, 143.575
Yxy	24.9227, 0.3109, 0.3668
Android (android.graphics.Color)	4286156409 (0xFF798E79)
YUV	133.3270, -6.0772, -10.8108
Hunter-Lab	49.9226, -11.8316, 8.9473

Details

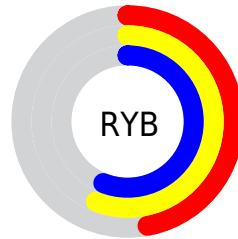
The CIELCh color $57, 14.647, 143.575$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 14.664, 325.211$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 14.882, 142.633$, and $37, 15.099, 143.155$ is the 20% darker color. If you saturate the color by 10%, you get $56, 24.628, 142.847$, and if you desaturate by 10%, it is $58, 4.692, 144.222$.

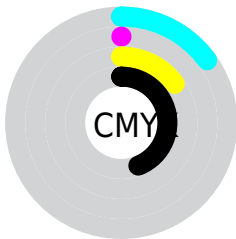
Distribution



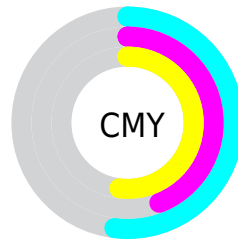
- Red (47%)
- Green (56%)
- Blue (47%)



- Red (47%)
- Yellow (56%)
- Blue (56%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 14.647, 143.575 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, 14.647, 143.575 by changing the saturation by 10% instead.


 57, 14.647,
143.575


 57, 14.647,
143.575


 100, 14.647,
143.575


 47, 14.647,
143.575


 77, 14.647,
143.575

 37, 14.647,
143.575

 87, 14.647,
143.575

 27, 14.647,
143.575

 97, 14.647,
143.575

 17, 14.647,
143.575

 7, 14.647, 143.575

 0, 14.647, 143.575

■ 57, 14.647,
143.575

■ 57, 14.647,
143.575

■ 56, 24.628,
142.847

■ 58, 4.692, 144.222

■ 55, 34.478,
142.007

■ 60, 5.129, 324.665

■ 54, 43.999,
141.053

■ 62, 14.741,
325.136

■ 53, 52.936,
140.001

■ 63, 24.092,
325.520

■ 52, 60.980,
138.897

■ 65, 33.156,
325.844

■ 52, 67.769,
137.827

■ 67, 41.921,
326.120


■ 51, 72.926,
136.919


■ 69, 50.384,
326.356

■ 51, 76.197,

■ 72, 58.554,
326.558

136.295

 74, 66.441,
326.733

 51, 77.598,
136.016

Harmonies

Complementary

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



57, 14.647, 143.575



53, 14.664, 325.211

Rectangle

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



57, 14.647, 143.575



57, 14.647, 193.575



57, 14.647, 323.575



57, 14.647, 13.575

Sweetspot

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



57, 14.648, 143.575



75, 4.903, 144.267



59, 11.650, 108.108



40, 3.515, 144.221



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 14.648, 143.575



72, 22.264, 143.323



57, 10.306, 161.583



29, 5.600, 143.941



49, 74.731, 136.016



2, 3.767, 144.442

Inverse Universe

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



53, 14.664, 325.211



67, 22.282, 325.406



53, 10.481, 343.941



28, 5.608, 324.906



32, 72.104, 328.231



1, 3.767, 324.437

Previews

White Background



This preview shows how the CIELCh color 57, 14.647, 143.575 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, 14.647, 143.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

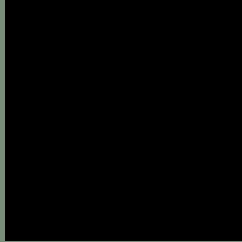
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

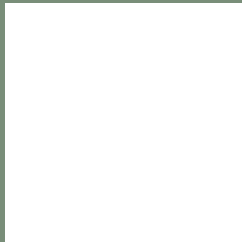
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 14.647, 143.575

Background



This preview shows how black text looks on a background with the CIELCh color 57, 14.647, 143.575.



This preview shows how white text looks on a background with the CIELCh color 57, 14.647, 143.575.

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](#).

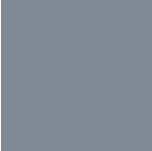
Dichromacy



Original Color
57, 14.647, 143.575

Protanopia
57, 10.624, 93.076

Deuteranopia
57, 10.205, 46.515



Tritanopia
57, 7.601, 255.081

Trichromacy



Original Color
57, 14.647, 143.575

Protanomaly
57, 10.855, 115.391

Deuteranomaly
57, 7.777, 90.875

Tritanomaly
57, 6.135, 193.515

Monochromacy



Original Color
57, 14.647, 143.575

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 5.583, 144.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 14.647, 143.575 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(121, 142, 121)` looks like.

```
.text, #text, p{  
    color:rgb(121, 142, 121)  
}
```

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(121, 142, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 142, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 14.647, 143.575 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(121, 142, 121) }
```

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

```
.border{ border-color:rgb(121, 142, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 142, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 142, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 142, 121);  
box-shadow:4px 4px 4px 4px rgb(121, 142,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 14.647, 143.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 142, 121) }
```

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

```
.background{ background-color: rgb(121,  
142, 121) }
```

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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