

Converting Colors

CIELCh(57, 16.474, 141.855)

Have a look what the booklet for
CIELCh(57, 16.474, 141.855)
contains.

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Color

CIELCh(57, 16.505, 142.379)

Conversions

Conversions Part 1

Format	Color
Hex	788F77
RGB	120, 143, 119
RGB Percent	47%, 56%, 47%
CMY	0.5299, 0.4397, 0.5338
CMYK	0.16, 0.00, 0.17, 0.44
HSL	118°, 10%, 51%
HSV	118°, 17%, 56%
XYZ	20.8567, 24.9227, 21.1275
YIQ	133.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

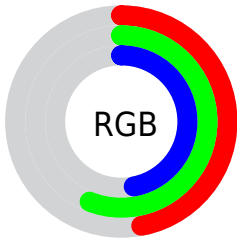
Format	Color
R_{YB}	119, 143, 142
Decimal	7901047
CIE _{Lab}	57.00, -13.07, 10.08
CIE _{LCh}	57, 16.505, 142.379
Yxy	24.9227, 0.3117, 0.3725
Android (android.graphics.Color)	4286091127 (0xFF788F77)
YUV	133.3870, -7.0928, -11.7404
Hunter-Lab	49.9226, -12.7908, 9.8540

Details

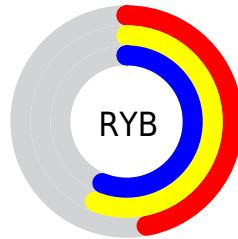
The CIELCh color $57, 16.505, 142.379$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 16.542, 324.164$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 16.848, 142.671$, and $37, 16.582, 143.016$ is the 20% darker color. If you saturate the color by 10%, you get $56, 26.374, 141.676$, and if you desaturate by 10%, it is $58, 6.640, 142.999$.

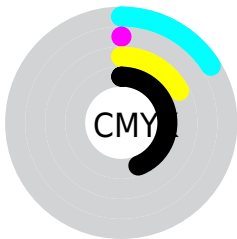
Distribution



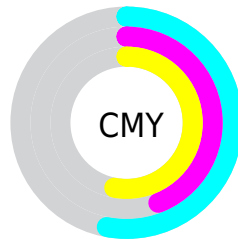
- Red (47%)
- Green (56%)
- Blue (47%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)





- Cyan (53%)
- Magenta (44%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 16.505, 142.379 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, 16.505, 142.379 by changing the saturation by 10% instead.


 57, 16.505,
142.379


 57, 16.505,
142.379


 100, 16.505,
142.379


 47, 16.505,
142.379


 77, 16.505,
142.379

 37, 16.505,
142.379

 87, 16.505,
142.379

 27, 16.505,
142.379

 97, 16.505,
142.379

 17, 16.505,
142.379

 7, 16.505, 142.379

 0, 16.505, 142.379

■ 57, 16.505,
142.379

■ 57, 16.505,
142.379

■ 56, 26.374,
141.676

■ 58, 6.640, 142.999

■ 55, 36.092,
140.873

■ 60, 3.115, 323.421

■ 54, 45.464,
139.974

■ 61, 12.683,
323.906

■ 53, 54.236,
139.004

■ 63, 22.012,
324.284

■ 52, 62.097,
138.017

■ 65, 31.072,
324.603

■ 52, 68.678,
137.110

■ 67, 39.850,
324.874


■ 52, 73.598,
136.407


■ 69, 48.340,
325.104

■ 51, 76.711,

■ 71, 56.548,
325.302

135.960

 73, 64.481,
325.471

 51, 77.563,
135.781

Harmonies

Complementary

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



57, 16.505, 142.379



53, 16.542, 324.164

Rectangle

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



57, 16.505, 142.379



57, 16.505, 192.379



57, 16.505, 322.379



57, 16.505, 12.379

Sweetspot

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



57, 16.506, 142.379



75, 6.053, 143.101



58, 12.861, 106.462



39, 4.165, 143.062



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, 16.506, 142.379



72, 24.416, 142.135



57, 12.058, 159.720



30, 5.524, 142.856



49, 74.473, 135.765



2, 3.717, 143.329

Inverse Universe

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



53, 16.542, 324.164



66, 24.470, 324.348



53, 12.254, 342.366



28, 5.536, 323.769



31, 72.249, 326.639



1, 3.717, 323.325

Previews

White Background



This preview shows how the CIELCh color 57, 16.505, 142.379 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, 16.505, 142.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

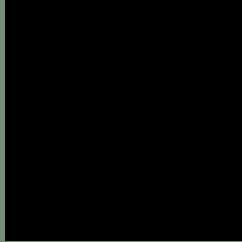
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

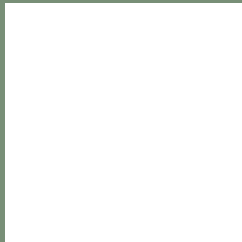
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 16.505, 142.379

Background



This preview shows how black text looks on a background with the CIELCh color 57, 16.505, 142.379.



This preview shows how white text looks on a background with the CIELCh color 57, 16.505, 142.379.

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, 16.505, 142.379

Protanopia
57, 11.835, 92.416

Deuteranopia
57, 11.506, 52.898



Tritanopia
57, 8.018, 250.789

Trichromacy



Original Color
57, 16.505, 142.379

Protanomaly
57, 12.576, 116.216

Deuteranomaly
57, 9.415, 93.841

Tritanomaly
57, 6.503, 193.776

Monochromacy



Original Color
57, 16.505, 142.379

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 6.285, 144.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 16.505, 142.379 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(120, 143, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 143, 119)  
}
```

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(120, 143, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 143, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 16.505, 142.379 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(120, 143, 119) }
```

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

```
.border{ border-color:rgb(120, 143, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 143, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 143, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 143, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 143,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 16.505, 142.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 143, 119) }
```

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

```
.background{ background-color: rgb(120,  
143, 119) }
```

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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