

Converting Colors

CIELCh(57, 24.229, 118.603)

Have a look what the booklet for
CIELCh(57, 24.229, 118.603)
contains.

CIELCh(57, 24.663, 119.250)	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(57, 24.663, 119.250)

Conversions

Conversions Part 1

Format	Color
Hex	828E63
RGB	130, 142, 99
RGB Percent	51%, 56%, 39%
CMY	0.4909, 0.4438, 0.6124
CMYK	0.08, 0.00, 0.30, 0.44
HSL	77°, 18%, 47%
HSV	77°, 30%, 56%
XYZ	21.0695, 24.9227, 15.4621
YIQ	133.5100, 6.6510, -15.9170

Conversions

Conversions Part 2

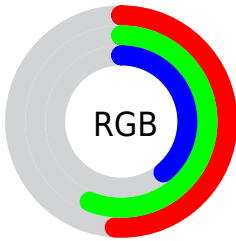
Format	Color
R_{YB}	99, 142, 111
Decimal	8556131
CIE _{Lab}	57.00, -12.05, 21.52
CIE _{LCh}	57, 24.663, 119.250
Yxy	24.9227, 0.3428, 0.4055
Android (android.graphics.Color)	4286746211 (0xFF828E63)
YUV	133.5100, -17.0134, -3.0783
Hunter-Lab	49.9226, -12.0299, 16.5824

Details

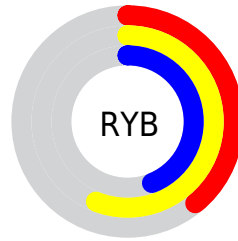
The CIELCh color $57, 24.663, 119.250$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 26.201, 303.092$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 24.948, 119.758$, and $37, 24.665, 119.483$ is the 20% darker color. If you saturate the color by 10%, you get $56, 32.556, 118.684$, and if you desaturate by 10%, it is $58, 16.598, 119.842$.

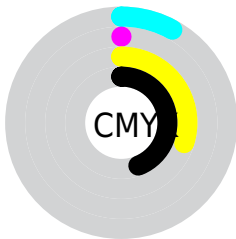
Distribution



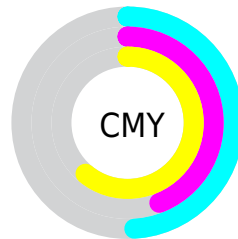
- Red (51%)
- Green (56%)
- Blue (39%)



- Red (39%)
- Yellow (56%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (44%)




- Cyan (49%)
- Magenta (44%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 24.663, 119.250 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, 24.663, 119.250 by changing the saturation by 10% instead.


 57, 24.663,
119.250


 57, 24.663,
119.250


 100, 24.663,
119.250


 47, 24.663,
119.250


 77, 24.663,
119.250

 37, 24.663,
119.250

 87, 24.663,
119.250

 27, 24.663,
119.250

 97, 24.663,
119.250

 17, 24.663,
119.250

 7, 24.663, 119.250

 0, 24.663, 119.250

■ 57, 24.663,
119.250

■ 57, 24.663,
119.250

■ 56, 32.556,
118.684

■ 58, 16.598,
119.842

■ 56, 40.150,
118.168

■ 58, 8.440, 120.431

■ 56, 47.263,
117.756

■ 59, 0.250, 121.125

■ 60, 7.933, 301.541

■ 55, 53.636,
117.516

■ 60, 16.080,
302.060

■ 55, 58.937,
117.540

■ 61, 24.170,
302.546

■ 54, 62.829,
117.927

■ 62, 32.186,
302.998

■ 54, 65.523,
118.563

■ 63, 40.117,
303.417

■ 64, 47.955,
303.805

Harmonies

Complementary

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



57, 24.663, 119.250



45, 26.201, 303.092

Rectangle

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



57, 24.663, 119.250



57, 24.663, 169.250



57, 24.663, 299.250



57, 24.663, 349.250

Sweetspot

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



57, 24.664, 119.252



74, 9.092, 120.497



49, 15.479, 46.172



38, 6.295, 120.421



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, 24.664, 119.252



72, 36.001, 118.882



56, 27.893, 136.316



30, 4.646, 120.497



52, 63.246, 118.503



2, 3.149, 121.015

Inverse Universe

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



45, 26.201, 303.092



54, 38.824, 303.636



47, 28.346, 319.083



28, 4.732, 301.559



16, 81.056, 308.292



0, 3.149, 301.014

Previews

White Background



This preview shows how the CIELCh color 57, 24.663, 119.250 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, 24.663, 119.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

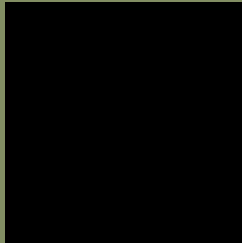
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

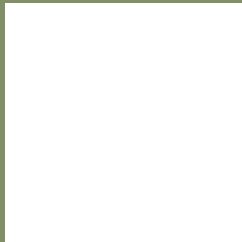
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 24.663, 119.250

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.663, 119.250.



This preview shows how white text looks on a background with the CIELCh color 57, 24.663, 119.250.

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, 24.663, 119.250

Protanopia
57, 22.989, 96.521

Deuteranopia
57, 21.756, 70.866



Tritanopia
57, 5.711, 290.856

Trichromacy



Original Color
57, 24.663, 119.250

Protanomaly
57, 23.071, 105.273

Deuteranomaly
57, 20.911, 89.576

Tritanomaly
57, 5.372, 126.828

Monochromacy



Original Color
57, 24.663, 119.250

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 8.705, 119.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 24.663, 119.250 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(130, 142, 99)` looks like.

```
.text, #text, p{  
    color:rgb(130, 142, 99)  
}
```

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(130, 142, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 142, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.663, 119.250 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(130, 142, 99) }
```

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

```
.border{ border-color:rgb(130, 142, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 142, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 142, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 142, 99);  
box-shadow:4px 4px 4px 4px rgb(130, 142,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.663, 119.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 142, 99) }
```

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

```
.background{ background-color: rgb(130,  
142, 99) }
```

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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