

Converting Colors

CIELCh(57, 23.856, 115.602)

Have a look what the booklet for
CIELCh(57, 23.856, 115.602)
contains.

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Color

CIELCh(57, 23.828, 115.615)

Conversions

Conversions Part 1

Format	Color
Hex	858D63
RGB	133, 141, 99
RGB Percent	52%, 55%, 39%
CMY	0.4786, 0.4472, 0.6119
CMYK	0.06, 0.00, 0.30, 0.45
HSL	71°, 18%, 47%
HSV	71°, 30%, 55%
XYZ	21.4370, 24.9227, 15.4764
YIQ	133.8200, 8.7140, -14.7580

Conversions

Conversions Part 2

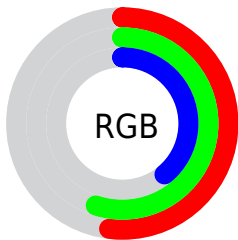
Format	Color
R_{YB}	99, 141, 107
Decimal	8752483
CIE _{Lab}	57.00, -10.30, 21.49
CIE _{LCh}	57, 23.828, 115.615
Yxy	24.9227, 0.3467, 0.4030
Android (android.graphics.Color)	4286942563 (0xFF858D63)
YUV	133.8200, -17.1663, -0.7191
Hunter-Lab	49.9226, -10.7157, 16.5654

Details

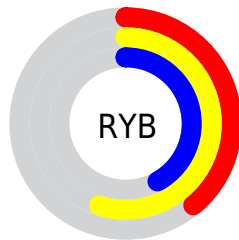
The CIELCh color $57, 23.828, 115.615$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 25.424, 300.055$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 24.093, 115.504$, and $37, 23.748, 115.522$ is the 20% darker color. If you saturate the color by 10%, you get $57, 31.575, 114.958$, and if you desaturate by 10%, it is $58, 15.906, 116.298$.

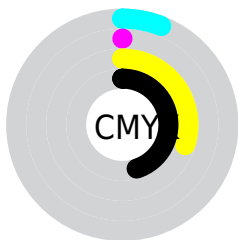
Distribution



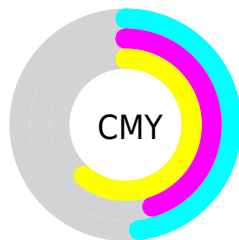
- Red (52%)
- Green (55%)
- Blue (39%)



- Red (39%)
- Yellow (55%)
- Blue (42%)



- Cyan (6%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)





- Cyan (48%)
- Magenta (45%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 23.828, 115.615 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, 23.828, 115.615 by changing the saturation by 10% instead.


 57, 23.828,
115.615


 57, 23.828,
115.615


 100, 23.828,
115.615


 47, 23.828,
115.615


 77, 23.828,
115.615

 37, 23.828,
115.615

 87, 23.828,
115.615

 27, 23.828,
115.615

 97, 23.828,
115.615

 17, 23.828,
115.615

 7, 23.828, 115.615

 0, 23.828, 115.615

■ 57, 23.828,
115.615

■ 57, 23.828,
115.615

■ 57, 31.575,
114.958

■ 58, 15.906,
116.298

■ 56, 39.022,
114.348

■ 58, 7.887, 116.978

■ 56, 45.990,
113.831

■ 59, 0.174, 297.607

■ 59, 8.238, 298.283

■ 55, 52.224,
113.467

■ 60, 16.278,
298.896

■ 55, 57.390,
113.334

■ 61, 24.275,
299.475

■ 55, 61.147,
113.514

■ 61, 32.214,
300.020

■ 55, 63.725,
113.949

■ 62, 40.083,
300.530

■ 55, 63.779,

113.957

■ 63, 47.873,
301.005

Harmonies

Complementary

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



57, 23.828, 115.615



44, 25.424, 300.055

Rectangle

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



57, 23.828, 115.615



57, 23.828, 165.615



57, 23.828, 295.615



57, 23.828, 345.615

Sweetspot

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



57, 23.829, 115.618



74, 8.992, 117.019



48, 15.767, 37.540



39, 6.226, 116.931



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, 23.829, 115.618



72, 35.538, 115.153



55, 26.600, 133.847



30, 4.595, 117.019



53, 61.846, 113.917



2, 3.116, 117.628

Inverse Universe

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



44, 25.424, 300.055



53, 38.606, 300.774



46, 27.220, 316.439



28, 4.687, 298.272



15, 82.118, 307.354



0, 3.117, 297.628

Previews

White Background



This preview shows how the CIELCh color 57, 23.828, 115.615 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, 23.828, 115.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

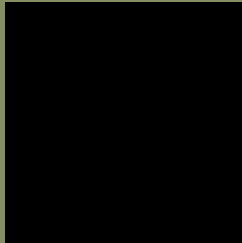
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 23.828, 115.615

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.828, 115.615.



This preview shows how white text looks on a background with the CIELCh color 57, 23.828, 115.615.

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, 23.828, 115.615

Protanopia
57, 22.989, 96.521

Deuteranopia
57, 21.756, 70.866



Tritanopia
57, 6.491, 304.548

Trichromacy



Original Color
57, 23.828, 115.615

Protanomaly
57, 22.596, 103.075

Deuteranomaly
57, 21.060, 88.444

Tritanomaly
57, 4.545, 109.627

Monochromacy



Original Color
57, 23.828, 115.615

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.183, 116.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.828, 115.615 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(133, 141, 99)` looks like.

```
.text, #text, p{  
    color:rgb(133, 141, 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(133, 141, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 141, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.828, 115.615 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(133, 141, 99) }
```

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

```
.border{ border-color:rgb(133, 141, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 141, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 141, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 141, 99);  
box-shadow:4px 4px 4px 4px rgb(133, 141,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.828, 115.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 141, 99) }
```

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

```
.background{ background-color: rgb(133,  
141, 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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