

Converting Colors

CIELCh(57, 23.895, 113.436)

Have a look what the booklet for
CIELCh(57, 23.895, 113.436)
contains.

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Color

CIELCh(57, 24.257, 113.400)

Conversions

Conversions Part 1

Format	Color
Hex	878D62
RGB	135, 141, 98
RGB Percent	53%, 55%, 38%
CMY	0.4722, 0.4486, 0.6172
CMYK	0.04, 0.00, 0.31, 0.45
HSL	68°, 18%, 47%
HSV	68°, 31%, 55%
XYZ	21.5784, 24.9227, 15.1339
YIQ	134.3040, 10.2270, -14.6450

Conversions

Conversions Part 2

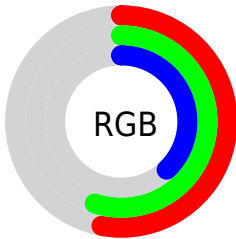
Format	Color
R_{YB}	98, 141, 104
Decimal	8883554
CIE _{Lab}	57.00, -9.63, 22.26
CIE _{LCh}	57, 24.257, 113.400
Yxy	24.9227, 0.3501, 0.4044
Android (android.graphics.Color)	4287073634 (0xFF878D62)
YUV	134.3040, -17.8979, 0.6104
Hunter-Lab	49.9226, -10.2101, 16.9722

Details

The CIELCh color $57, 24.257, 113.400$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 25.995, 298.429$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 24.514, 113.483$, and $37, 24.174, 113.048$ is the 20% darker color. If you saturate the color by 10%, you get $57, 31.920, 112.684$, and if you desaturate by 10%, it is $57, 16.408, 114.144$.

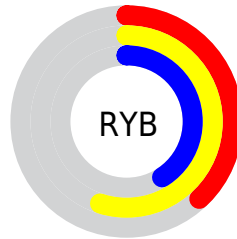
Distribution



Red (53%)

Green (55%)

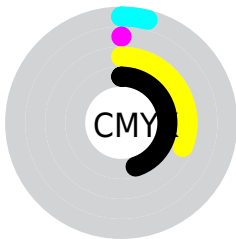
Blue (38%)



Red (38%)

Yellow (55%)

Blue (41%)

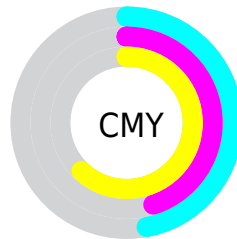


Cyan (4%)

Magenta (0%)

Yellow (31%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 24.257, 113.400 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, 24.257, 113.400 by changing the saturation by 10% instead.

 57, 24.257,
113.400

 57, 24.257,
113.400

 100, 24.257,
113.400

 47, 24.257,
113.400

 77, 24.257,
113.400

 37, 24.257,
113.400

 87, 24.257,
113.400

 27, 24.257,
113.400

 97, 24.257,
113.400

 17, 24.257,
113.400

 7, 24.257, 113.400

 0, 24.257, 113.400

■ 57, 24.257,
113.400

■ 57, 24.257,
113.400

■ 57, 31.920,
112.684

■ 57, 16.408,
114.144

■ 56, 39.268,
112.015

■ 58, 8.453, 114.886

■ 58, 0.449, 115.598

■ 56, 46.116,
111.439

■ 59, 7.566, 296.325

■ 56, 52.199,
111.008

■ 60, 15.565,
297.003

■ 55, 57.179,
110.792

■ 60, 23.528,
297.648

■ 55, 60.716,
110.861

■ 61, 31.441,
298.258

■ 55, 63.025,
111.123

■ 62, 39.292,
298.832

■ 63, 47.073,
299.370

Harmonies

Complementary

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



57, 24.257, 113.400



44, 25.995, 298.429

Rectangle

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



57, 24.257, 113.400



57, 24.257, 163.400



57, 24.257, 293.400



57, 24.257, 343.400

Sweetspot

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



57, 24.258, 113.403



74, 8.950, 114.987



47, 16.769, 32.798



39, 6.197, 114.892



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, 24.258, 113.403



72, 36.294, 112.879



55, 26.834, 132.225



30, 4.574, 114.988



53, 61.236, 111.094



2, 3.103, 115.657

Inverse Universe

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



44, 25.995, 298.429



52, 39.666, 299.275



46, 27.606, 314.870



28, 4.668, 296.367



15, 82.597, 306.963



0, 3.103, 295.657

Previews

White Background



This preview shows how the CIELCh color 57, 24.257, 113.400 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 CIE LCh color 57, 24.257, 113.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

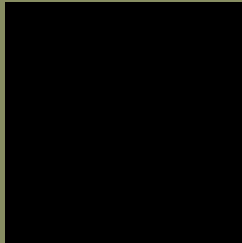
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 24.257, 113.400

Background



This preview shows how black text looks on a background with the CIELCh color 57, 24.257, 113.400.



This preview shows how white text looks on a background with the CIELCh color 57, 24.257, 113.400.

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, 24.257, 113.400

Protanopia
57, 23.535, 96.689

Deuteranopia
57, 22.509, 70.739



Tritanopia
57, 6.189, 312.742

Trichromacy



Original Color
57, 24.257, 113.400

Protanomaly
57, 23.147, 103.104

Deuteranomaly
57, 21.414, 86.200

Tritanomaly
57, 5.168, 100.601

Monochromacy



Original Color
57, 24.257, 113.400

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 8.579, 114.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 24.257, 113.400 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(135, 141, 98)` looks like.

```
.text, #text, p{  
    color:rgb(135, 141, 98)  
}
```

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(135, 141, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 141, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 24.257, 113.400 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(135, 141, 98) }
```

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

```
.border{ border-color:rgb(135, 141, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 141, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 141, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 141, 98);  
box-shadow:4px 4px 4px 4px rgb(135, 141,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 24.257, 113.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 141, 98) }
```

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

```
.background{ background-color: rgb(135,  
141, 98) }
```

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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