

Converting Colors

CIELCh(57, 12.485, 112.486)

Have a look what the booklet for
CIELCh(57, 12.485, 112.486)
contains.

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Color

CIELCh(57, 12.485, 112.486)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 898B75 |
| RGB | 137, 139, 117 |
| RGB Percent | 54%, 55%, 46% |
| CMY | 0.4642, 0.4563, 0.5426 |
| CMYK | 0.01, 0.00, 0.16, 0.46 |
| HSL | 65°, 9%, 50% |
| HSV | 65°, 16%, 54% |
| XYZ | 22.6261, 24.9227, 20.3380 |
| YIQ | 135.8940, 5.8700, -7.2660 |

Conversions

Conversions Part 2

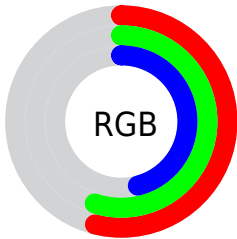
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 117, 139, 119 |
| Decimal | 9014133 |
| CIE _{Lab} | 57.00, -4.77, 11.54 |
| CIE _{LCh} | 57, 12.485, 112.486 |
| Yxy | 24.9227, 0.3333, 0.3671 |
| Android (android.graphics.Color) | 4287204213 (0xFF898B75) |
| YUV | 135.8940, -9.3147, 0.9700 |
| Hunter-Lab | 49.9226, -6.4642, 10.7916 |

Details

The CIELCh color $57, 12.485, 112.486$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $50, 12.927, 295.167$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 12.306, 112.609$, and $37, 12.267, 112.422$ is the 20% darker color. If you saturate the color by 10%, you get $57, 20.274, 111.684$, and if you desaturate by 10%, it is $57, 4.621, 113.291$.

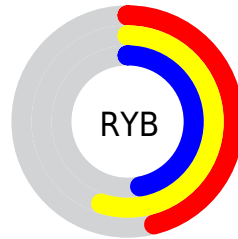
Distribution



Red (54%)

Green (55%)

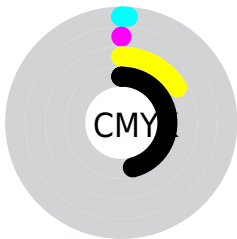
Blue (46%)



Red (46%)

Yellow (55%)

Blue (47%)

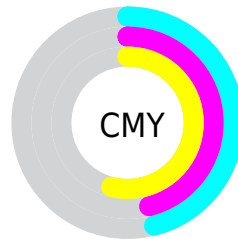


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (46%)



Cyan (46%)

Magenta (46%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 12.485, 112.486 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, 12.485, 112.486 by changing the saturation by 10% instead.

 57, 12.485,
112.486

 57, 12.485,
112.486

 100, 12.485,
112.486

 47, 12.485,
112.486

 77, 12.485,
112.486

 37, 12.485,
112.486

 87, 12.485,
112.486

 27, 12.485,
112.486

 97, 12.485,
112.486

 17, 12.485,
112.486

 7, 12.485, 112.486

 0, 12.485, 112.486

■ 57, 12.485,
112.486

■ 57, 12.485,
112.486

■ 57, 20.274,
111.684

■ 57, 4.621, 113.291

■ 56, 27.918,
110.889

■ 58, 3.276, 294.088

■ 56, 35.315,
110.127

■ 58, 11.174,
294.843

■ 56, 42.311,
109.432

■ 59, 19.050,
295.571

■ 55, 48.680,
108.844

■ 60, 26.889,
296.265

■ 55, 54.119,
108.418

■ 60, 34.678,
296.923

■ 55, 58.275,
108.214

■ 61, 42.407,
297.543

■ 55, 60.961,

■ 62, 50.068,
298.125

108.265

■ 63, 57.656,
298.670

■ 55, 61.945,
108.303

Harmonies

Complementary

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



57, 12.485, 112.486



50, 12.927, 295.167

Rectangle

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



57, 12.485, 112.486



57, 12.485, 162.486



57, 12.485, 292.486



57, 12.485, 342.486

Sweetspot

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



57, 12.486, 112.491



73, 4.900, 113.350



52, 8.444, 27.474



39, 3.369, 113.301



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, 12.486, 112.491



73, 18.575, 112.204



56, 13.582, 131.267



29, 4.423, 113.030



53, 59.974, 108.280



1, 2.062, 113.757

Inverse Universe

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



50, 12.927, 295.167



62, 19.386, 295.531



51, 13.816, 312.578



26, 4.515, 294.531



14, 81.810, 306.691



0, 2.062, 293.758

Previews

White Background



This preview shows how the CIELCh color 57, 12.485, 112.486 looks on a white background.

Color Contrast Check

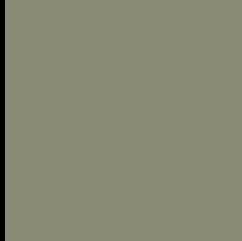
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.485, 112.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

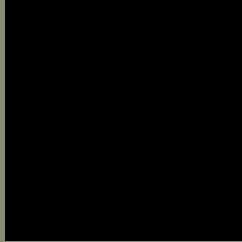
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

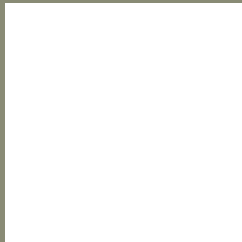
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 12.485, 112.486

Background



This preview shows how black text looks on a background with the CIELCh color 57, 12.485, 112.486.



This preview shows how white text looks on a background with the CIELCh color 57, 12.485, 112.486.

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, 12.485, 112.486

Protanopia

57, 11.835, 92.416

Deuteranopia

57, 13.275, 56.755



Tritanopia
57, 6.189, 312.742

Trichromacy



Original Color
57, 12.485, 112.486

Protanomaly
57, 12.022, 100.793

Deuteranomaly
57, 11.323, 72.838

Tritanomaly
57, 1.307, 44.987

Monochromacy



Original Color
57, 12.485, 112.486

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.568, 114.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 12.485, 112.486 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(137, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(137, 139, 117)  
}
```

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(137, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 139, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 12.485, 112.486 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(137, 139, 117) }
```

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

```
.border{ border-color:rgb(137, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(137, 139,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 12.485, 112.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 139, 117) }
```

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

```
.background{ background-color: rgb(137,  
139, 117) }
```

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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