

Converting Colors

CIELCh(57, 44.306, 103.242)

Have a look what the booklet for
CIELCh(57, 44.306, 103.242)
contains.

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Color

CIELCh(57, 44.354, 103.106)

Conversions

Conversions Part 1

Format	Color
Hex	8F8C3A
RGB	143, 140, 58
RGB Percent	56%, 55%, 23%
CMY	0.4390, 0.4508, 0.7723
CMYK	0.00, 0.02, 0.59, 0.44
HSL	58°, 42%, 39%
HSV	58°, 59%, 56%
XYZ	21.4886, 24.9227, 7.6879
YIQ	131.5490, 28.1100, -24.8660

Conversions

Conversions Part 2

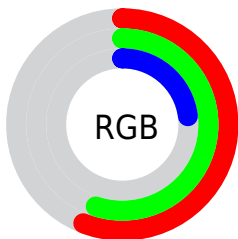
Format	Color
RYB	61, 143, 58
Decimal	9407546
CIELab	57.00, -10.06, 43.20
CIELCh	57, 44.354, 103.106
Yxy	24.9227, 0.3972, 0.4607
Android (android.graphics.Color)	4287597626 (0xFF8F8C3A)
YUV	131.5490, -36.2597, 10.0425
Hunter-Lab	49.9226, -10.5313, 25.8153

Details

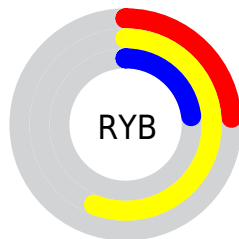
The CIELCh color **57, 44.354, 103.106** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **30, 52.056, 297.889**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 44.416, 102.721**, and **37, 44.398, 102.991** is the 20% darker color. If you saturate the color by 10%, you get **57, 50.437, 102.310**, and if you desaturate by 10%, it is **57, 37.554, 103.989**.

Distribution



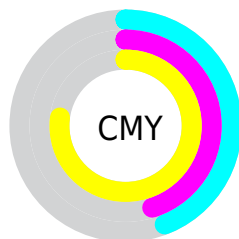
- Red (56%)
- Green (55%)
- Blue (23%)



- Red (24%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (59%)
- Black (44%)




- Cyan (44%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 44.354, 103.106 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, 44.354, 103.106 by changing the saturation by 10% instead.

 57, 44.354,
103.106

 57, 44.354,
103.106

 100, 44.354,
103.106

 47, 44.354,
103.106


 77, 44.354,
103.106

 37, 44.354,
103.106

 87, 44.354,
103.106

 27, 44.354,
103.106

 97, 44.354,
103.106

 17, 44.354,
103.106

 7, 44.354, 103.106

 0, 44.354, 103.106

■ 57, 44.354,
103.106

■ 57, 44.354,
103.106

■ 57, 50.437,
102.310

■ 57, 37.554,
103.989

■ 57, 55.451,
101.625

■ 58, 30.300,
104.922

■ 56, 59.019,
101.079

■ 58, 22.774,
105.886

■ 56, 61.298,
100.653

■ 58, 15.093,
106.860

■ 56, 61.429,
100.628

■ 59, 7.332, 107.827

■ 59, 0.461, 288.925

■ 60, 8.254, 289.732

■ 61, 16.027,
290.630

■ 61, 23.766,
291.494

Harmonies

Complementary

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



57, 44.354, 103.106



30, 52.056, 297.889

Rectangle

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



57, 44.354, 103.106



57, 44.354, 153.106



57, 44.354, 283.106



57, 44.354, 333.106

Sweetspot

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



57, 44.355, 103.109



74, 17.347, 106.961



36, 39.672, 23.377



39, 12.141, 106.703



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, 44.355, 103.109



72, 63.266, 102.085



55, 48.884, 124.678



30, 4.389, 107.850



53, 58.950, 100.640



2, 2.976, 108.735

Inverse Universe

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



30, 52.056, 297.889



33, 78.558, 300.844



33, 53.962, 310.521



28, 4.475, 289.680



15, 81.641, 305.671



0, 2.976, 288.737

Previews

White Background



This preview shows how the CIELCh color 57, 44.354, 103.106 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, 44.354, 103.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

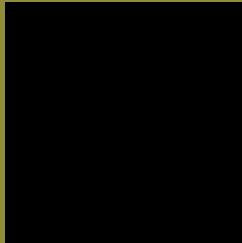
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 44.354, 103.106

Background



This preview shows how black text looks on a background with the CIELCh color 57, 44.354, 103.106.



This preview shows how white text looks on a background with the CIELCh color 57, 44.354, 103.106.

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, 44.354, 103.106

Protanopia

57, 44.089, 95.843

Deuteranopia

57, 42.889, 80.222



Tritanopia
57, 10.078, 342.065

Trichromacy



Original Color
57, 44.354, 103.106

Protanomaly
57, 44.243, 98.288

Deuteranomaly
57, 42.634, 88.700

Tritanomaly
57, 14.392, 84.195

Monochromacy



Original Color
57, 44.354, 103.106

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 17.030, 106.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 44.354, 103.106 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(143, 140, 58)` looks like.

```
.text, #text, p{  
    color:rgb(143, 140, 58)  
}
```

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(143, 140, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 140, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 44.354, 103.106 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(143, 140, 58) }
```

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

```
.border{ border-color:rgb(143, 140, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 140, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 140, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 140, 58);  
box-shadow:4px 4px 4px 4px rgb(143, 140,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 44.354, 103.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 140, 58) }
```

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

```
.background{ background-color: rgb(143,  
140, 58) }
```

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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