

Converting Colors

CIELCh(57, 62.358, 98.517)

Have a look what the booklet for
CIELCh(57, 62.358, 98.517) contains.

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Color

CIELCh(57, 61.891, 98.473)

Conversions

Conversions Part 1

Format	Color
Hex	958B00
RGB	149, 139, 0
RGB Percent	58%, 55%, 0%
CMY	0.4150, 0.4542, 0.9986
CMYK	0.00, 0.07, 1.00, 0.41
HSL	56°, 100%, 29%
HSV	56°, 100%, 59%
XYZ	21.6878, 24.9227, 3.6771
YIQ	126.1440, 50.5790, -41.1090

Conversions

Conversions Part 2

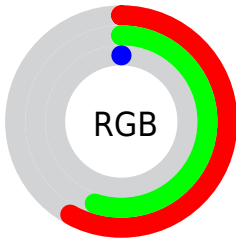
Format	Color
R _Y B	11, 149, 0
Decimal	9800448
CIE Lab	57.00, -9.12, 61.22
CIE LCh	57, 61.891, 98.473
Yxy	24.9227, 0.4313, 0.4956
Android (android.graphics.Color)	4287990528 (0xFF958B00)
YUV	126.1440, -62.1890, 20.0447
Hunter-Lab	49.9226, -9.8191, 30.5788

Details

The CIELCh color **57, 61.891, 98.473** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 86.294, 305.222**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 62.003, 98.275**, and **37, 45.036, 99.600** is the 20% darker color. If you saturate the color by 10%, you get **57, 61.941, 98.462**, and if you desaturate by 10%, it is **57, 59.687, 99.065**.

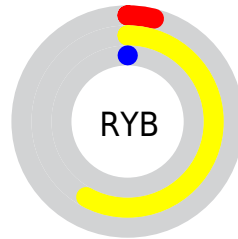
Distribution



Red (58%)

Green (55%)

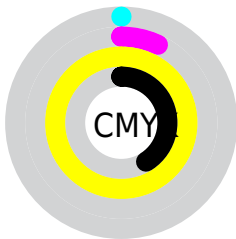
Blue (0%)



Red (4%)

Yellow (58%)

Blue (0%)

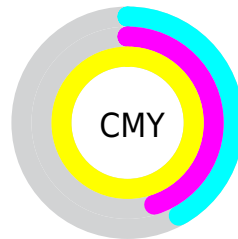


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (41%)



Cyan (42%)

Magenta (45%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 61.891, 98.473 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, 61.891, 98.473 by changing the saturation by 10% instead.

 57, 61.891, 98.473

 57, 61.891, 98.473

 100, 61.891,
98.473

 47, 61.891, 98.473

 77, 61.891, 98.473

 37, 61.891, 98.473

 87, 61.891, 98.473

 27, 61.891, 98.473

 97, 61.891, 98.473

 17, 61.891, 98.473

 7, 61.891, 98.473

 0, 61.891, 98.473

 57, 61.891, 98.473

 57, 61.891, 98.473

 57, 61.941, 98.462

 57, 59.687, 99.065

 58, 56.134, 99.745

■ 58, 51.073,
100.534

■ 58, 44.914,
101.413

■ 59, 38.035,
102.358

■ 59, 30.711,
103.345

■ 60, 23.129,
104.353

■ 61, 15.406,
105.365

■ 61, 7.618, 106.365

Harmonies

Complementary

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



57, 61.891, 98.473



17, 86.294, 305.222

Rectangle

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



57, 61.891, 98.473



57, 61.891, 148.473



57, 61.891, 278.473



57, 61.891, 328.473

Sweetspot

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



57, 61.890, 98.475



76, 28.840, 104.268



31, 66.429, 35.850



40, 19.580, 103.884



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 61.890, 98.475



72, 75.082, 98.367



56, 70.922, 124.724



31, 4.374, 106.421



53, 58.448, 98.495



2, 3.838, 107.336

Inverse Universe

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



17, 86.294, 305.222



24, 105.838, 305.512



21, 84.864, 310.354



29, 4.455, 288.311



16, 81.209, 305.143



0, 3.839, 287.338

Previews

White Background



This preview shows how the CIELCh color 57, 61.891, 98.473 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, 61.891, 98.473 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, 61.891, 98.473

Background



This preview shows how black text looks on a background with the CIELCh color 57, 61.891, 98.473.



This preview shows how white text looks on a background with the CIELCh color 57, 61.891, 98.473.

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, 61.891, 98.473

Protanopia

57, 61.703, 94.886

Deuteranopia

57, 59.300, 82.994



Tritanopia
57, 12.873, 354.682

Trichromacy



Original Color
57, 61.891, 98.473

Protanomaly
57, 61.820, 96.247

Deuteranomaly
57, 59.779, 88.755

Tritanomaly
57, 26.874, 85.674

Monochromacy



Original Color
57, 61.891, 98.473

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 28.808, 103.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 61.891, 98.473 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(149, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 139, 0)  
}
```

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(149, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 139, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 61.891, 98.473 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(149, 139, 0) }
```

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

```
.border{ border-color:rgb(149, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 139,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 61.891, 98.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 139, 0) }
```

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

```
.background{ background-color: rgb(149,  
139, 0) }
```

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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