

Converting Colors

CIELCh(57, 30.726, 102.375)

Have a look what the booklet for
CIELCh(57, 30.726, 102.375)
contains.

CIELCh(57, 30.760, 102.357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 30.760, 102.357)

Conversions

Conversions Part 1

Format	Color
Hex	908B54
RGB	144, 139, 84
RGB Percent	56%, 55%, 33%
CMY	0.4364, 0.4560, 0.6716
CMYK	0.00, 0.03, 0.42, 0.44
HSL	55°, 26%, 45%
HSV	55°, 42%, 56%
XYZ	22.2324, 24.9227, 11.9720
YIQ	134.2250, 20.6350, -16.0450

Conversions

Conversions Part 2

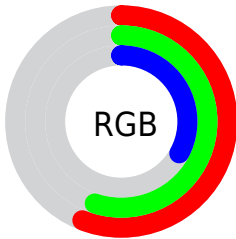
Format	Color
RYB	89, 144, 84
Decimal	9472852
CIELab	57.00, -6.58, 30.05
CIELCh	57, 30.760, 102.357
Yxy	24.9227, 0.3760, 0.4215
Android (android.graphics.Color)	4287662932 (0xFF908B54)
YUV	134.2250, -24.7609, 8.5727
Hunter-Lab	49.9226, -7.8717, 20.7274

Details

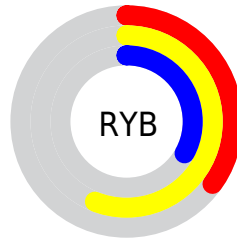
The CIELCh color **57, 30.760, 102.357** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **40, 33.564, 292.377**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 30.837, 101.942**, and **37, 30.706, 102.351** is the 20% darker color. If you saturate the color by 10%, you get **56, 37.728, 101.356**, and if you desaturate by 10%, it is **58, 23.533, 103.384**.

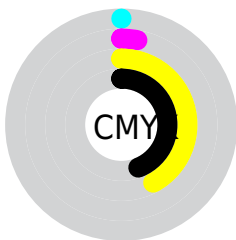
Distribution



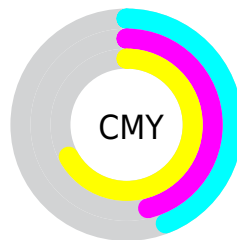
- Red (56%)
- Green (55%)
- Blue (33%)



- Red (35%)
- Yellow (56%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (42%)
- Black (44%)





- Cyan (44%)
- Magenta (46%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 30.760, 102.357 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, 30.760, 102.357 by changing the saturation by 10% instead.


 57, 30.760,
102.357


 57, 30.760,
102.357


 100, 30.760,
102.357


 47, 30.760,
102.357


 77, 30.760,
102.357

 37, 30.760,
102.357

 87, 30.760,
102.357

 27, 30.760,
102.357

 97, 30.760,
102.357

 17, 30.760,
102.357

 7, 30.760, 102.357

 0, 30.760, 102.357

■ 57, 30.760,
102.357

■ 57, 30.760,
102.357

■ 56, 37.728,
101.356

■ 58, 23.533,
103.384

■ 56, 44.245,
100.390

■ 58, 16.165,
104.412

■ 56, 50.028, 99.483

■ 59, 8.732, 105.427

■ 55, 54.700, 98.656

■ 60, 1.282, 106.376

■ 55, 57.858, 97.920

■ 60, 6.157, 287.422

■ 54, 59.646, 97.361

■ 61, 13.567,
288.355

■ 62, 20.936,
289.255

■ 63, 28.256,
290.116

■ 64, 35.522,
290.935

Harmonies

Complementary

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



57, 30.760, 102.357



40, 33.564, 292.377

Rectangle

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



57, 30.760, 102.357



57, 30.760, 152.357



57, 30.760, 282.357



57, 30.760, 332.357

Sweetspot

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



57, 30.761, 102.360



74, 11.951, 105.273



43, 26.742, 17.172



39, 8.429, 105.068



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, 30.761, 102.360



72, 45.078, 101.425



56, 34.999, 124.093



30, 4.180, 105.683



51, 57.060, 97.394



2, 2.831, 106.605

Inverse Universe

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



40, 33.564, 292.377



46, 50.581, 294.225



40, 37.553, 308.439



28, 4.254, 287.586



15, 79.261, 304.840



0, 2.832, 286.607

Previews

White Background



This preview shows how the CIELCh color 57, 30.760, 102.357 looks on a white background.

Color Contrast Check

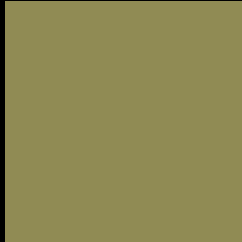
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.760, 102.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

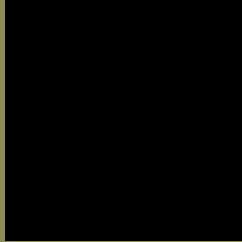
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.760, 102.357

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.760, 102.357.



This preview shows how white text looks on a background with the CIELCh color 57, 30.760, 102.357.

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, 30.760, 102.357

Protanopia

57, 30.717, 96.450

Deuteranopia

57, 30.063, 76.310



Tritanopia
57, 9.105, 341.675

Trichromacy



Original Color
57, 30.760, 102.357

Protanomaly
57, 30.991, 99.026

Deuteranomaly
57, 29.614, 86.354

Tritanomaly
57, 9.412, 71.224

Monochromacy



Original Color
57, 30.760, 102.357

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 11.390, 104.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.760, 102.357 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(144, 139, 84)` looks like.

```
.text, #text, p{  
    color:rgb(144, 139, 84)  
}
```

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(144, 139, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 139, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.760, 102.357 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(144, 139, 84) }
```

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

```
.border{ border-color:rgb(144, 139, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 139, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 139, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 139, 84);  
box-shadow:4px 4px 4px 4px rgb(144, 139,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.760, 102.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 139, 84) }
```

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

```
.background{ background-color: rgb(144,  
139, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor