

Converting Colors

CIELCh(57, 40.802, 157.877)

Have a look what the booklet for
CIELCh(57, 40.802, 157.877)
contains.

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Color

CIELCh(57, 40.688, 158.037)

Conversions

Conversions Part 1

Format	Color
Hex	3E996D
RGB	62, 153, 109
RGB Percent	24%, 60%, 43%
CMY	0.7567, 0.3999, 0.5724
CMYK	0.59, 0.00, 0.29, 0.40
HSL	151°, 42%, 42%
HSV	151°, 59%, 60%
XYZ	16.1470, 24.9227, 18.4357
YIQ	120.7750, -40.1120, -32.9760

Conversions

Conversions Part 2

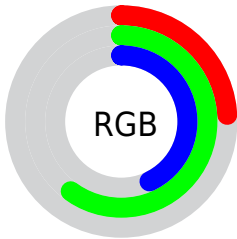
Format	Color
RYB	62, 122, 153
Decimal	4102509
CIELab	57.00, -37.74, 15.22
CIElCh	57, 40.688, 158.037
Yxy	24.9227, 0.2714, 0.4188
Android (android.graphics.Color)	4282292589 (0xFF3E996D)
YUV	120.7750, -5.8051, -51.5457
Hunter-Lab	49.9226, -29.6304, 13.0509

Details

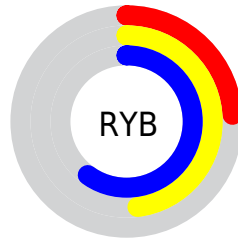
The CIELCh color **57, 40.688, 158.037** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **40, 43.291, 351.406**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 40.481, 158.163**, and **37, 39.212, 156.451** is the 20% darker color. If you saturate the color by 10%, you get **56, 46.239, 156.419**, and if you desaturate by 10%, it is **58, 34.585, 159.469**.

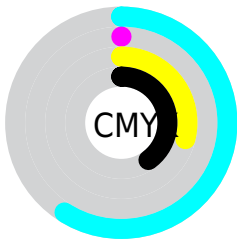
Distribution



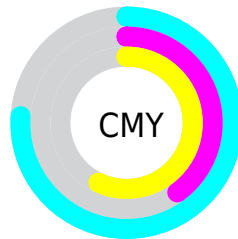
- Red (24%)
- Green (60%)
- Blue (43%)



- Red (24%)
- Yellow (48%)
- Blue (60%)



- Cyan (59%)
- Magenta (0%)
- Yellow (29%)
- Black (40%)





- Cyan (76%)
- Magenta (40%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 40.688, 158.037 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, 40.688, 158.037 by changing the saturation by 10% instead.


 57, 40.688,
158.037


 57, 40.688,
158.037


 100, 40.688,
158.037


 47, 40.688,
158.037


 77, 40.688,
158.037

 37, 40.688,
158.037

 87, 40.688,
158.037

 27, 40.688,
158.037

 97, 40.688,
158.037

 17, 40.688,
158.037

 7, 40.688, 158.037

 0, 40.688, 158.037

■ 57, 40.688,
158.037

■ 57, 40.688,
158.037

■ 56, 46.239,
156.419

■ 58, 34.585,
159.469

■ 56, 51.160,
154.600

■ 59, 28.034,
160.738

■ 56, 55.421,
152.578

■ 60, 21.151,
161.868

■ 55, 59.155,
150.459

■ 61, 14.052,
162.882

■ 55, 59.352,
150.351

■ 62, 6.841, 163.813

■ 63, 0.394, 343.729

■ 65, 7.582, 345.293

■ 66, 14.669,
346.008

■ 68, 21.616,
346.658

Harmonies

Complementary

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



57, 40.688, 158.037



40, 43.291, 351.406

Rectangle

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



57, 40.688, 158.037



57, 40.688, 208.037



57, 40.688, 338.037



57, 40.688, 28.037

Sweetspot

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



57, 40.689, 158.037



77, 16.097, 162.988



58, 52.359, 126.484



40, 11.146, 162.728



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 40.689, 158.037



72, 57.981, 155.905



58, 27.758, 196.935



32, 4.085, 163.835



51, 55.475, 150.543



3, 4.449, 164.078

Inverse Universe

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



40, 43.291, 351.406



48, 61.165, 354.049



39, 42.800, 27.003



30, 4.139, 345.258



29, 54.275, 2.487



1, 4.399, 344.990

Previews

White Background



This preview shows how the CIE LCh color 57, 40.688, 158.037 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, 40.688, 158.037 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, 40.688, 158.037

Background



This preview shows how black text looks on a background with the CIELCh color 57, 40.688, 158.037.



This preview shows how white text looks on a background with the CIELCh color 57, 40.688, 158.037.

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, 40.688, 158.037

Protanopia
57, 20.280, 95.464

Deuteranopia
57, 14.796, 60.660



Tritanopia
57, 22.540, 215.405

Trichromacy



Original Color
57, 40.688, 158.037



Protanomaly
56, 24.240, 134.841



Deuteranomaly
56, 16.885, 132.642



Tritanomaly
57, 25.965, 186.786

Monochromacy



Original Color
57, 40.688, 158.037



Achromatopsia
51, 0.007, 296.813



Achromatomaly
53, 15.951, 162.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 40.688, 158.037 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(62, 153, 109)` looks like.

```
.text, #text, p{  
    color:rgb(62, 153, 109)  
}
```

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(62, 153, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 153, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 40.688, 158.037 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(62, 153, 109) }
```

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

```
.border{ border-color:rgb(62, 153, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 153, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 153, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 153, 109);  
box-shadow:4px 4px 4px 4px rgb(62, 153,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 40.688, 158.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 153, 109) }
```

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

```
.background{ background-color: rgb(62, 153,  
109) }
```

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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