

Converting Colors

CIELCh(57, 39.647, 167.406)

Have a look what the booklet for
CIELCh(57, 39.647, 167.406)
contains.

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Color

CIELCh(57, 39.687, 167.564)

Conversions

Conversions Part 1

Format	Color
Hex	2C9A79
RGB	44, 154, 121
RGB Percent	17%, 60%, 47%
CMY	0.8289, 0.3971, 0.5265
CMYK	0.72, 0.00, 0.21, 0.40
HSL	162°, 56%, 39%
HSV	162°, 72%, 60%
XYZ	15.9691, 24.9227, 21.9754
YIQ	117.3480, -54.9670, -33.5830

Conversions

Conversions Part 2

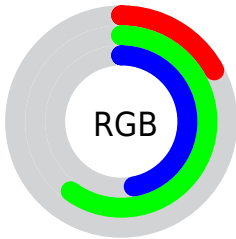
Format	Color
R_{YB}	44, 109, 154
Decimal	2923129
CIE _{Lab}	57.00, -38.76, 8.55
CIE _{LCh}	57, 39.687, 167.564
Yxy	24.9227, 0.2540, 0.3964
Android (android.graphics.Color)	4281113209 (0xFF2C9A79)
YUV	117.3480, 1.8004, -64.3262
Hunter-Lab	49.9226, -30.2665, 8.8470

Details

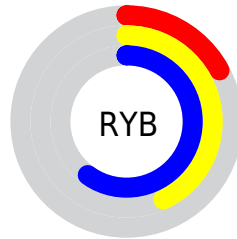
The CIELCh color **57, 39.687, 167.564** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **36, 48.273, 7.974**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 39.720, 167.415**, and **38, 35.063, 163.635** is the 20% darker color. If you saturate the color by 10%, you get **57, 43.193, 165.827**, and if you desaturate by 10%, it is **58, 35.533, 169.120**.

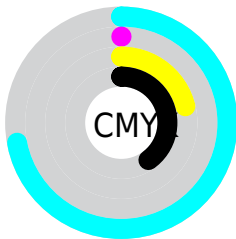
Distribution



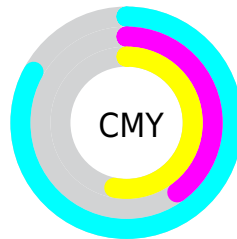
- Red (17%)
- Green (60%)
- Blue (47%)



- Red (17%)
- Yellow (43%)
- Blue (60%)



- Cyan (72%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)



- Cyan (83%)
- Magenta (40%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 39.687, 167.564 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, 39.687, 167.564 by changing the saturation by 10% instead.


 57, 39.687,
167.564

 57, 39.687,
167.564


 100, 39.687,
167.564

 47, 39.687,
167.564


 77, 39.687,
167.564

 37, 39.687,
167.564

 87, 39.687,
167.564

 27, 39.687,
167.564

 97, 39.687,
167.564

 17, 39.687,
167.564

 7, 39.687, 167.564

 0, 39.687, 167.564

■ 57, 39.687,
167.564

■ 57, 39.687,
167.564

■ 57, 43.193,
165.827

■ 58, 35.533,
169.120

■ 56, 46.055,
163.899

■ 58, 30.772,
170.517

■ 56, 48.132,
162.222

■ 59, 25.484,
171.780

■ 60, 19.766,
172.930

■ 61, 13.720,
173.990

■ 62, 7.447, 174.987

■ 63, 1.037, 176.222

■ 65, 5.434, 356.625

■ 66, 11.904,
357.473

Harmonies

Complementary

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



57, 39.687, 167.564



36, 48.273, 7.974

Rectangle

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



57, 39.687, 167.564



57, 39.687, 217.564



57, 39.687, 347.564



57, 39.687, 37.564

Sweetspot

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



57, 39.687, 167.563



77, 16.449, 174.011



57, 65.067, 132.350



40, 11.068, 173.753



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, 39.687, 167.563



72, 54.456, 164.683



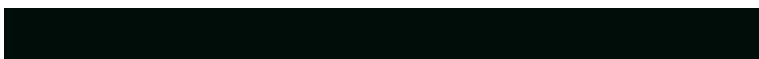
51, 26.653, 226.478



32, 3.616, 175.223



52, 44.878, 162.412



3, 3.966, 175.187

Inverse Universe

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



36, 48.273, 7.974



44, 67.316, 14.222



39, 47.128, 41.375



30, 3.712, 356.776



29, 55.815, 19.748



1, 3.931, 356.331

Previews

White Background



This preview shows how the CIELCh color 57, 39.687, 167.564 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, 39.687, 167.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

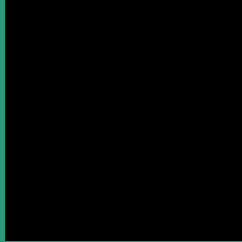
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 39.687, 167.564

Background



This preview shows how black text looks on a background with the CIELCh color 57, 39.687, 167.564.

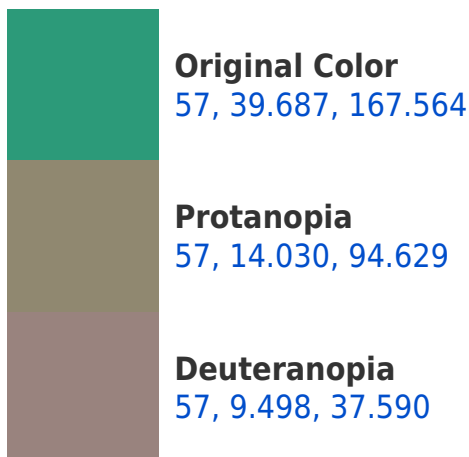


This preview shows how white text looks on a background with the CIELCh color 57, 39.687, 167.564.

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





Tritanopia
57, 26.056, 212.639

Trichromacy



Original Color
57, 39.687, 167.564



Protanomaly
56, 20.554, 149.060



Deuteranomaly
56, 13.398, 158.257



Tritanomaly
57, 29.004, 192.199

Monochromacy



Original Color
57, 39.687, 167.564



Achromatopsia
49, 0.007, 296.813



Achromatomaly
51, 16.816, 173.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 39.687, 167.564 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(44, 154, 121)` looks like.

```
.text, #text, p{  
    color:rgb(44, 154, 121)  
}
```

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(44, 154, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 154, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 39.687, 167.564 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(44, 154, 121) }
```

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

```
.border{ border-color:rgb(44, 154, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 154, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 154, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 154, 121);  
box-shadow:4px 4px 4px 4px rgb(44, 154,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 39.687, 167.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 154, 121) }
```

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

```
.background{ background-color: rgb(44, 154,  
121) }
```

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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