

Converting Colors

CIELCh(57, 31.972, 142.022)

Have a look what the booklet for
CIELCh(57, 31.972, 142.022)
contains.

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Color

CIELCh(57, 31.880, 142.322)

Conversions

Conversions Part 1

Format	Color
Hex	669466
RGB	102, 148, 102
RGB Percent	40%, 58%, 40%
CMY	0.6004, 0.4200, 0.6004
CMYK	0.31, 0.00, 0.31, 0.42
HSL	120°, 18%, 49%
HSV	120°, 31%, 58%
XYZ	18.4344, 24.9227, 16.3834
YIQ	129.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

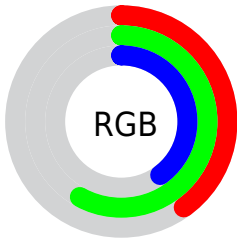
Format	Color
RYB	102, 148, 148
Decimal	6722662
CIELab	57.00, -25.23, 19.49
CIELCh	57, 31.880, 142.322
Yxy	24.9227, 0.3086, 0.4172
Android (android.graphics.Color)	4284912742 (0xFF669466)
YUV	129.0020, -13.3120, -23.6808
Hunter-Lab	49.9226, -21.4516, 15.4883

Details

The CIELCh color **57, 31.880, 142.322** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **49, 31.874, 326.081**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 31.884, 142.340**, and **37, 31.621, 142.365** is the 20% darker color. If you saturate the color by 10%, you get **56, 41.852, 141.405**, and if you desaturate by 10%, it is **58, 21.649, 143.124**.

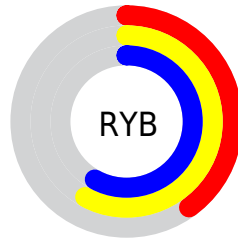
Distribution



Red (40%)

Green (58%)

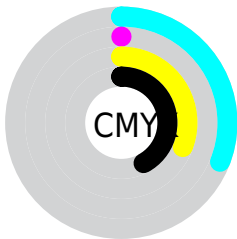
Blue (40%)



Red (40%)

Yellow (58%)

Blue (58%)

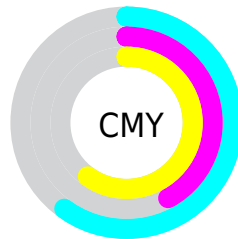


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (42%)



Cyan (60%)


Magenta (42%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 31.880, 142.322 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, 31.880, 142.322 by changing the saturation by 10% instead.


 57, 31.880,
142.322


 57, 31.880,
142.322


 100, 31.880,
142.322


 47, 31.880,
142.322


 77, 31.880,
142.322

 37, 31.880,
142.322

 87, 31.880,
142.322

 27, 31.880,
142.322

 97, 31.880,
142.322

 17, 31.880,
142.322

 7, 31.880, 142.322

 0, 31.880, 142.322

■ 57, 31.880,
142.322

■ 57, 31.880,
142.322

■ 56, 41.852,
141.405

■ 58, 21.649,
143.124

■ 55, 51.317,
140.380

■ 60, 11.346,
143.819

■ 54, 59.976,
139.283

■ 61, 1.112, 144.571

■ 54, 67.470,
138.184

■ 63, 8.949, 324.858

■ 53, 73.406,
137.201

■ 65, 18.771,
325.291

■ 53, 77.433,
136.471

■ 66, 28.311,
325.652

■ 53, 79.796,
136.017

■ 68, 37.547,
325.958

■ 71, 46.472,
326.218

■ 73, 55.087,
326.442

Harmonies

Complementary

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



57, 31.880, 142.322



49, 31.874, 326.081

Rectangle

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



57, 31.880, 142.322



57, 31.880, 192.322



57, 31.880, 322.322



57, 31.880, 12.322

Sweetspot

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



57, 31.881, 142.322



76, 11.328, 143.942



60, 25.546, 107.253



40, 7.941, 143.856



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, 31.881, 142.322



71, 46.599, 141.726



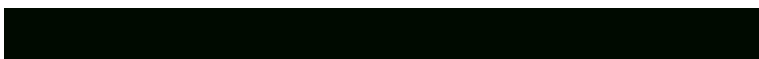
58, 21.969, 160.834



31, 5.765, 143.941



50, 75.749, 136.017



2, 5.022, 144.445

Inverse Universe

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



49, 31.874, 326.081



60, 46.539, 326.414



49, 22.803, 346.474



29, 5.774, 324.913



32, 73.083, 328.236



1, 5.023, 324.441

Previews

White Background



This preview shows how the CIELCh color 57, 31.880, 142.322 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, 31.880, 142.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

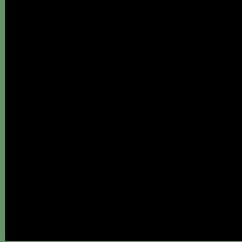
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 31.880, 142.322

Background



This preview shows how black text looks on a background with the CIELCh color 57, 31.880, 142.322.



This preview shows how white text looks on a background with the CIELCh color 57, 31.880, 142.322.

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, 31.880, 142.322

Protanopia
57, 22.565, 95.223

Deuteranopia
57, 19.166, 67.411



Tritanopia
57, 12.447, 232.163

Trichromacy



Original Color
57, 31.880, 142.322

Protanomaly
57, 23.383, 116.864

Deuteranomaly
56, 18.121, 105.303

Tritanomaly
57, 14.765, 175.197

Monochromacy



Original Color
57, 31.880, 142.322

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 11.937, 143.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 31.880, 142.322 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(102, 148, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 148, 102)  
}
```

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(102, 148, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 148, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 31.880, 142.322 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(102, 148, 102) }
```

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

```
.border{ border-color:rgb(102, 148, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 148, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 148, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 148, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 148,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 31.880, 142.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 148, 102) }
```

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

```
.background{ background-color: rgb(102,  
148, 102) }
```

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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