

Converting Colors

CIELCh(62, 38.635, 148.422)

Have a look what the booklet for
CIELCh(62, 38.635, 148.422)
contains.

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Color

CIELCh(62, 38.233, 148.535)

Conversions

Conversions Part 1

Format	Color
Hex	61A471
RGB	97, 164, 113
RGB Percent	38%, 64%, 44%
CMY	0.6186, 0.3558, 0.5559
CMYK	0.41, 0.00, 0.31, 0.36
HSL	134°, 27%, 51%
HSV	134°, 41%, 64%
XYZ	21.2772, 30.4025, 20.4448
YIQ	138.1530, -23.5610, -30.0650

Conversions

Conversions Part 2

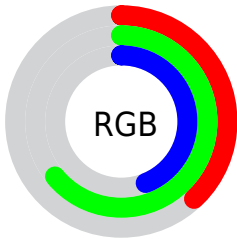
Format	Color
RYB	97, 151, 164
Decimal	6399089
CIELab	62.00, -32.61, 19.96
CIElCh	62, 38.233, 148.535
Yxy	30.4025, 0.2950, 0.4215
Android (android.graphics.Color)	4284589169 (0xFF61A471)
YUV	138.1530, -12.4004, -36.0912
Hunter-Lab	55.1385, -27.6115, 16.6128

Details

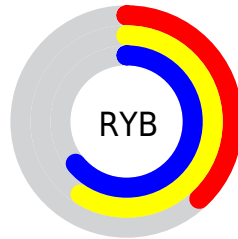
The CIELCh color **62, 38.233, 148.535** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **50, 38.440, 334.676**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 38.116, 148.688**, and **42, 38.228, 148.578** is the 20% darker color. If you saturate the color by 10%, you get **61, 47.063, 147.358**, and if you desaturate by 10%, it is **63, 29.030, 149.559**.

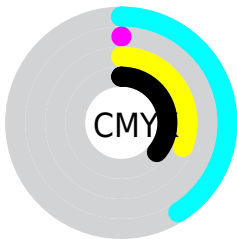
Distribution



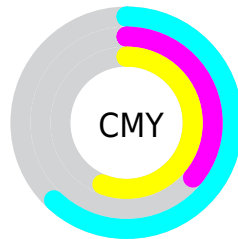
- Red (38%)
- Green (64%)
- Blue (44%)



- Red (38%)
- Yellow (59%)
- Blue (64%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)





- Cyan (62%)
- Magenta (36%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 38.233, 148.535 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 62, 38.233, 148.535 by changing the saturation by 10% instead.


 62, 38.233,
148.535


 62, 38.233,
148.535


 100, 38.233,
148.535


 52, 38.233,
148.535


 82, 38.233,
148.535

 42, 38.233,
148.535

 92, 38.233,
148.535

 32, 38.233,
148.535

 22, 38.233,
148.535

 12, 38.233,
148.535

 2, 38.233, 148.535

 0, 38.233, 148.535

■ 62, 38.233,
148.535

■ 62, 38.233,
148.535

■ 61, 47.063,
147.358

■ 63, 29.030,
149.559

■ 60, 55.328,
146.016

■ 64, 19.620,
150.448

■ 60, 62.841,
144.510

■ 66, 10.149,
151.228

■ 59, 69.424,
142.862

■ 67, 0.733, 152.244

■ 59, 74.935,
141.127

■ 69, 8.540, 332.416

■ 59, 79.073,
139.618

■ 71, 17.610,
332.944

■ 73, 26.435,
333.401

■ 75, 34.992,
333.805

■ 77, 43.270,
334.166

Harmonies

Complementary

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



62, 38.233, 148.535



50, 38.440, 334.676

Rectangle

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



62, 38.233, 148.535



62, 38.233, 198.535



62, 38.233, 328.535



62, 38.233, 18.535

Sweetspot

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



62, 38.234, 148.535



83, 14.017, 151.121



65, 36.833, 116.700



44, 9.286, 151.030



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 38.234, 148.535



78, 56.420, 147.468



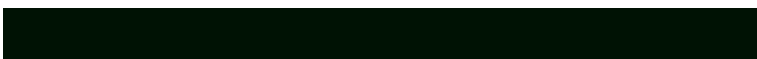
63, 25.758, 174.232



34, 5.287, 151.340



52, 71.951, 139.815



4, 8.339, 151.103

Inverse Universe

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



50, 38.440, 334.676



61, 56.501, 335.376



49, 29.518, 3.249



32, 5.307, 332.469



32, 63.497, 340.309



1, 7.899, 333.933

Previews

White Background



This preview shows how the CIELCh color 62, 38.233, 148.535 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 38.233, 148.535 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 ✓ Pass

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

CIELCh 62, 38.233, 148.535

Background



This preview shows how black text looks on a background with the CIELCh color 62, 38.233, 148.535.

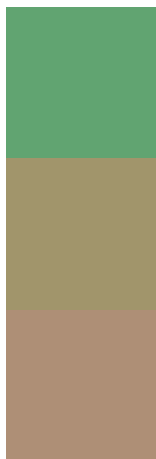


This preview shows how white text looks on a background with the CIELCh color 62, 38.233, 148.535.

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
62, 38.233, 148.535

Protanopia
62, 23.917, 95.102

Deuteranopia
62, 19.401, 65.788



Tritanopia
62, 17.426, 223.095

Trichromacy



Original Color
62, 38.233, 148.535

Protanomaly
62, 26.408, 122.864

Deuteranomaly
61, 19.583, 114.071

Tritanomaly
62, 20.640, 180.083

Monochromacy



Original Color
62, 38.233, 148.535

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 14.610, 150.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 38.233, 148.535 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(97, 164, 113)` looks like.

```
.text, #text, p{  
    color:rgb(97, 164, 113)  
}
```

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(97, 164, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 164, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 38.233, 148.535 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(97, 164, 113) }
```

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

```
.border{ border-color:rgb(97, 164, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 164, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 164, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 164, 113);  
box-shadow:4px 4px 4px 4px rgb(97, 164,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 38.233, 148.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 164, 113) }
```

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

```
.background{ background-color: rgb(97, 164,  
113) }
```

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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