

Converting Colors

CIELCh(62, 55.981, 127.633)

Have a look what the booklet for
CIELCh(62, 55.981, 127.633)
contains.

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Color

CIELCh(62, 56.090, 127.531)

Conversions

Conversions Part 1

Format	Color
Hex	70A442
RGB	112, 164, 66
RGB Percent	44%, 64%, 26%
CMY	0.5607, 0.3567, 0.7411
CMYK	0.32, 0.00, 0.60, 0.36
HSL	92°, 43%, 45%
HSV	92°, 60%, 64%
XYZ	20.9513, 30.4025, 9.9226
YIQ	137.2800, 0.4660, -41.5020

Conversions

Conversions Part 2

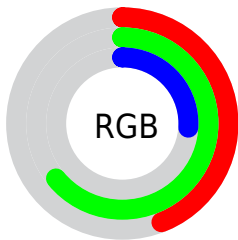
Format	Color
RYB	66, 164, 118
Decimal	7382082
CIELab	62.00, -34.17, 44.48
CIELCh	62, 56.090, 127.531
Yxy	30.4025, 0.3419, 0.4962
Android (android.graphics.Color)	4285572162 (0xFF70A442)
YUV	137.2800, -35.1410, -22.1706
Hunter-Lab	55.1385, -28.6667, 27.9272

Details

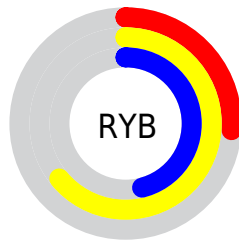
The CIELCh color **62, 56.090, 127.531** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **39, 60.810, 312.933**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 56.030, 127.244**, and **42, 56.245, 127.610** is the 20% darker color. If you saturate the color by 10%, you get **61, 63.901, 127.358**, and if you desaturate by 10%, it is **63, 47.449, 127.880**.

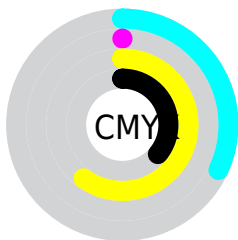
Distribution



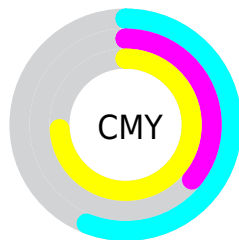
- Red (44%)
- Green (64%)
- Blue (26%)



- Red (26%)
- Yellow (64%)
- Blue (46%)



- Cyan (32%)
- Magenta (0%)
- Yellow (60%)
- Black (36%)





- Cyan (56%)
- Magenta (36%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 56.090, 127.531 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, 56.090, 127.531 by changing the saturation by 10% instead.


 62, 56.090,
127.531


 62, 56.090,
127.531


 100, 56.090,
127.531


 52, 56.090,
127.531


 82, 56.090,
127.531

 42, 56.090,
127.531

 92, 56.090,
127.531

 32, 56.090,
127.531

 22, 56.090,
127.531

 12, 56.090,
127.531

 2, 56.090, 127.531

 0, 56.090, 127.531

■ 62, 56.090,
127.531

■ 62, 56.090,
127.531

■ 61, 63.901,
127.358

■ 63, 47.449,
127.880

■ 61, 70.497,
127.470

■ 63, 38.277,
128.319

■ 60, 75.487,
127.990

■ 64, 28.790,
128.793

■ 60, 78.982,
128.856

■ 65, 19.141,
129.269

■ 60, 79.068,
128.876

■ 66, 9.435, 129.729

■ 67, 0.254, 309.706

■ 69, 9.872, 310.519

■ 70, 19.381,
310.878

■ 71, 28.754,
311.196

Harmonies

Complementary

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



62, 56.090, 127.531



39, 60.810, 312.933

Rectangle

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



62, 56.090, 127.531



62, 56.090, 177.531



62, 56.090, 307.531



62, 56.090, 357.531

Sweetspot

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



62, 56.091, 127.532



83, 21.681, 129.335



53, 37.294, 69.631



44, 15.039, 129.204



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, 56.091, 127.532



78, 81.037, 127.359



60, 63.331, 139.774



34, 5.453, 129.751



54, 72.237, 128.711



4, 8.582, 131.639

Inverse Universe

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



39, 60.810, 312.933



44, 89.449, 313.325



45, 62.643, 327.900



32, 5.521, 310.515



22, 81.390, 312.832



1, 8.403, 308.388

Previews

White Background



This preview shows how the CIELCh color 62, 56.090, 127.531 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 CIELCh color 62, 56.090, 127.531 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, 56.090, 127.531

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.090, 127.531.



This preview shows how white text looks on a background with the CIELCh color 62, 56.090, 127.531.

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, 56.090, 127.531

Protanopia
62, 47.235, 95.418

Deuteranopia
62, 43.478, 79.408



Tritanopia
62, 11.785, 233.734

Trichromacy



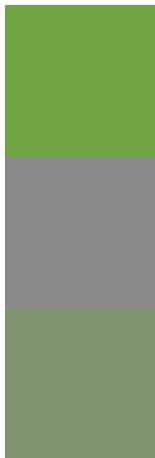
Original Color
62, 56.090, 127.531

Protanomaly
61, 48.365, 109.043

Deuteranomaly
61, 43.315, 100.502

Tritanomaly
62, 21.337, 150.399

Monochromacy



Original Color
62, 56.090, 127.531

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 21.684, 128.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.090, 127.531 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(112, 164, 66)` looks like.

```
.text, #text, p{  
    color:rgb(112, 164, 66)  
}
```

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(112, 164, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 164, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.090, 127.531 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(112, 164, 66) }
```

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

```
.border{ border-color:rgb(112, 164, 66) }
```

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

Here you see how a box with a 4 pixel rgb(112, 164, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 164, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 164, 66);  
box-shadow:4px 4px 4px 4px rgb(112, 164,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.090, 127.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 164, 66) }
```

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

```
.background{ background-color: rgb(112,  
164, 66) }
```

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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