

Converting Colors

CIELCh(62, 46.554, 127.014)

Have a look what the booklet for
CIELCh(62, 46.554, 127.014)
contains.

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Color

CIELCh(62, 46.879, 127.017)

Conversions

Conversions Part 1

Format	Color
Hex	79A251
RGB	121, 162, 81
RGB Percent	47%, 64%, 32%
CMY	0.5264, 0.3656, 0.6831
CMYK	0.25, 0.00, 0.50, 0.37
HSL	90°, 33%, 48%
HSV	90°, 50%, 63%
XYZ	22.2131, 30.4025, 12.4418
YIQ	140.5070, 1.5650, -33.8830

Conversions

Conversions Part 2

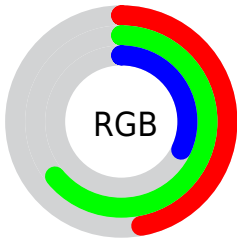
Format	Color
RYB	81, 162, 122
Decimal	7971409
CIELab	62.00, -28.22, 37.43
CIELCh	62, 46.879, 127.017
Yxy	30.4025, 0.3414, 0.4673
Android (android.graphics.Color)	4286161489 (0xFF79A251)
YUV	140.5070, -29.3370, -17.1076
Hunter-Lab	55.1385, -24.5817, 25.2184

Details

The CIELCh color **62, 46.879, 127.017** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **42, 50.350, 311.755**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 46.906, 127.019**, and **42, 46.966, 127.200** is the 20% darker color. If you saturate the color by 10%, you get **61, 55.342, 126.682**, and if you desaturate by 10%, it is **63, 37.889, 127.450**.

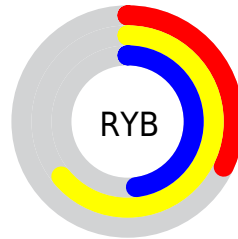
Distribution



Red (47%)

Green (64%)

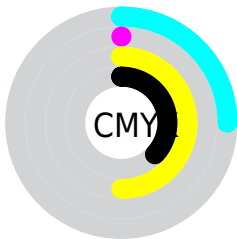
Blue (32%)



Red (32%)

Yellow (64%)

Blue (48%)

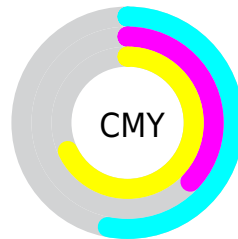


Cyan (25%)

Magenta (0%)

Yellow (50%)

Black (37%)



Cyan (53%)


Magenta (37%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 46.879, 127.017 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, 46.879, 127.017 by changing the saturation by 10% instead.


 62, 46.879,
127.017


 62, 46.879,
127.017


 100, 46.879,
127.017


 52, 46.879,
127.017


 82, 46.879,
127.017

 42, 46.879,
127.017

 92, 46.879,
127.017

 32, 46.879,
127.017

 22, 46.879,
127.017

 12, 46.879,
127.017

 2, 46.879, 127.017

 0, 46.879, 127.017

■ 62, 46.879,
127.017

■ 62, 46.879,
127.017

■ 61, 55.342,
126.682

■ 63, 37.889,
127.450

■ 61, 62.978,
126.526

■ 64, 28.583,
127.922

■ 60, 69.408,
126.662

■ 64, 19.109,
128.400

■ 60, 74.250,
127.210

■ 65, 9.573, 128.864

■ 59, 77.653,
128.085

■ 67, 0.047, 131.466

■ 68, 9.417, 309.672

■ 69, 18.782,
310.040

■ 70, 28.022,
310.370

■ 71, 37.118,
310.664

Harmonies

Complementary

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



62, 46.879, 127.017



42, 50.350, 311.755

Rectangle

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



62, 46.879, 127.017



62, 46.879, 177.017



62, 46.879, 307.017



62, 46.879, 357.017

Sweetspot

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



62, 46.880, 127.018



82, 17.609, 128.624



54, 30.196, 69.268



43, 11.991, 128.532



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 46.880, 127.018



77, 67.987, 126.656



60, 54.157, 140.449



34, 5.421, 128.900



54, 71.686, 127.937



4, 8.538, 130.890

Inverse Universe

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



42, 50.350, 311.755



48, 74.305, 312.268



47, 53.885, 327.000



32, 5.493, 309.680



22, 81.810, 312.257



1, 8.365, 307.607

Previews

White Background



This preview shows how the CIELCh color 62, 46.879, 127.017 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, 46.879, 127.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

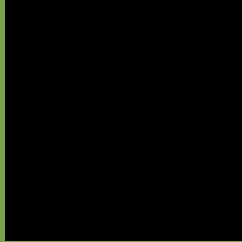
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 46.879, 127.017

Background



This preview shows how black text looks on a background with the CIELCh color 62, 46.879, 127.017.

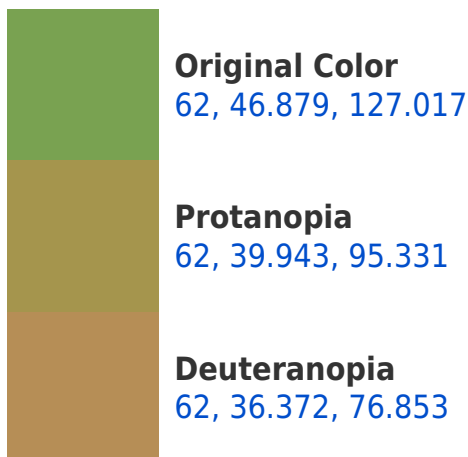


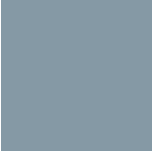
This preview shows how white text looks on a background with the CIELCh color 62, 46.879, 127.017.

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
62, 9.702, 243.077

Trichromacy



Original Color
62, 46.879, 127.017

Protanomaly
62, 41.115, 108.672

Deuteranomaly
61, 35.992, 98.309

Tritanomaly
62, 16.271, 148.877

Monochromacy



Original Color
62, 46.879, 127.017

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 17.930, 128.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 46.879, 127.017 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(121, 162, 81)` looks like.

```
.text, #text, p{  
    color:rgb(121, 162, 81)  
}
```

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(121, 162, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 162, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 46.879, 127.017 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(121, 162, 81) }
```

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

```
.border{ border-color:rgb(121, 162, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 162, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 162, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 162, 81);  
box-shadow:4px 4px 4px 4px rgb(121, 162,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 46.879, 127.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 162, 81) }
```

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

```
.background{ background-color: rgb(121,  
162, 81) }
```

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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