

Converting Colors

CIELCh(61, 43.345, 121.107)

Have a look what the booklet for
CIELCh(61, 43.345, 121.107)
contains.

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Color

CIELCh(61, 43.671, 120.954)

Conversions

Conversions Part 1

Format	Color
Hex	829D4F
RGB	130, 157, 79
RGB Percent	51%, 62%, 31%
CMY	0.4918, 0.3859, 0.6917
CMYK	0.17, 0.00, 0.50, 0.39
HSL	81°, 33%, 46%
HSV	81°, 50%, 61%
XYZ	22.5286, 29.2481, 11.7828
YIQ	140.0350, 8.9460, -29.9820

Conversions

Conversions Part 2

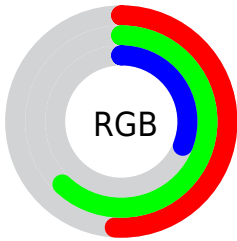
Format	Color
RYB	79, 157, 106
Decimal	8559951
CIELab	61.00, -22.46, 37.45
CIELCh	61, 43.671, 120.954
Yxy	29.2481, 0.3544, 0.4602
Android (android.graphics.Color)	4286750031 (0xFF829D4F)
YUV	140.0350, -30.0903, -8.8007
Hunter-Lab	54.0815, -20.2855, 24.9395

Details

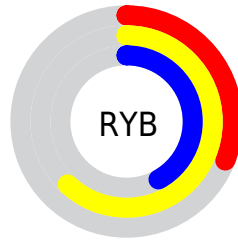
The CIELCh color $61, 43.671, 120.954$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $40, 48.247, 306.858$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 43.875, 121.246$, and $41, 43.922, 120.783$ is the 20% darker color. If you saturate the color by 10%, you get $60, 51.533, 120.590$, and if you desaturate by 10%, it is $62, 35.297, 121.427$.

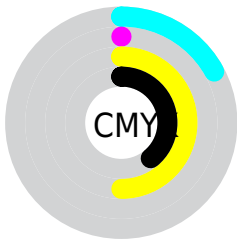
Distribution



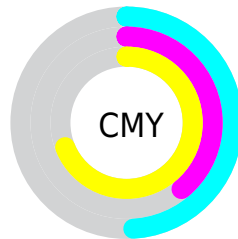
- Red (51%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (50%)
- Black (39%)





- Cyan (49%)
- Magenta (39%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 43.671, 120.954 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 61, 43.671, 120.954 by changing the saturation by 10% instead.


 61, 43.671,
120.954


 61, 43.671,
120.954


 100, 43.671,
120.954


 51, 43.671,
120.954


 81, 43.671,
120.954

 41, 43.671,
120.954

 91, 43.671,
120.954

 31, 43.671,
120.954

 21, 43.671,
120.954

 11, 43.671,
120.954

 1, 43.671, 120.954

 0, 43.671, 120.954

■ 61, 43.671,
120.954

■ 61, 43.671,
120.954

■ 60, 51.533,
120.590

■ 62, 35.297,
121.427

■ 60, 58.597,
120.406

■ 62, 26.607,
121.950

■ 60, 64.502,
120.505

■ 63, 17.738,
122.491

■ 59, 68.876,
120.996

■ 64, 8.783, 123.030

■ 59, 71.883,
121.828

■ 65, 0.194, 303.260

■ 59, 71.945,
121.844

■ 65, 9.148, 304.024

■ 66, 18.047,
304.486

■ 67, 26.867,
304.913

■ 68, 35.590,
305.307

Harmonies

Complementary

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



61, 43.671, 120.954



40, 48.247, 306.858

Rectangle

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



61, 43.671, 120.954



61, 43.671, 170.954



61, 43.671, 300.954



61, 43.671, 350.954

Sweetspot

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



61, 43.672, 120.956



81, 16.686, 122.735



49, 29.112, 52.391



42, 11.355, 122.630



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 43.672, 120.956



77, 63.949, 120.552



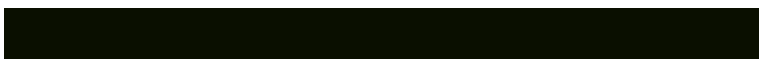
59, 50.019, 136.818



33, 5.111, 123.059



54, 67.194, 121.722



4, 6.745, 124.771

Inverse Universe

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



40, 48.247, 306.858



45, 72.711, 307.751



44, 50.739, 321.912



31, 5.199, 304.020



19, 83.418, 309.185



1, 6.689, 302.865

Previews

White Background



This preview shows how the CIELCh color 61, 43.671, 120.954 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 61, 43.671, 120.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

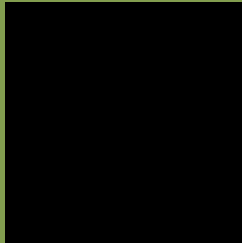
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 43.671, 120.954

Background



This preview shows how black text looks on a background with the CIELCh color 61, 43.671, 120.954.



This preview shows how white text looks on a background with the CIELCh color 61, 43.671, 120.954.

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

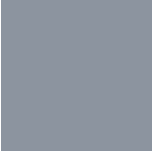
61, 43.671, 120.954

Protanopia

61, 39.920, 95.898

Deuteranopia

61, 36.705, 77.691



Tritanopia
61, 6.804, 265.088

Trichromacy



Original Color
61, 43.671, 120.954

Protanomaly
61, 40.176, 105.609

Deuteranomaly
61, 36.414, 95.412

Tritanomaly
61, 13.236, 135.594

Monochromacy



Original Color
61, 43.671, 120.954

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 16.266, 122.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 43.671, 120.954 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(130, 157, 79)` looks like.

```
.text, #text, p{  
    color:rgb(130, 157, 79)  
}
```

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(130, 157, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 157, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 43.671, 120.954 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(130, 157, 79) }
```

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

```
.border{ border-color:rgb(130, 157, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 157, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 157, 79); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 157, 79); box-shadow:4px 4px 4px 4px rgb(130, 157, 79) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 43.671, 120.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 157, 79) }
```

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

```
.background{ background-color: rgb(130,  
157, 79) }
```

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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