

Converting Colors

CIELCh(64, 49.668, 126.763)

Have a look what the booklet for
CIELCh(64, 49.668, 126.763)
contains.

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Color

CIELCh(64, 49.881, 126.927)

Conversions

Conversions Part 1

Format	Color
Hex	7CA851
RGB	124, 168, 81
RGB Percent	49%, 66%, 32%
CMY	0.5144, 0.3419, 0.6830
CMYK	0.26, 0.00, 0.52, 0.34
HSL	90°, 35%, 49%
HSV	90°, 52%, 66%
XYZ	23.7344, 32.8017, 12.8320
YIQ	144.9260, 1.7030, -36.3850

Conversions

Conversions Part 2

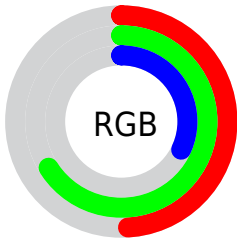
Format	Color
RYB	81, 168, 125
Decimal	8169553
CIELab	64.00, -29.97, 39.87
CIElCh	64, 49.881, 126.927
Yxy	32.8017, 0.3422, 0.4729
Android (android.graphics.Color)	4286359633 (0xFF7CA851)
YUV	144.9260, -31.5155, -18.3521
Hunter-Lab	57.2727, -26.2552, 26.8070

Details

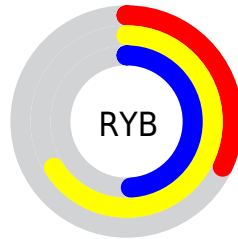
The CIELCh color $64, 49.881, 126.927$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $43, 53.743, 311.837$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 49.897, 126.954$, and $44, 50.182, 126.915$ is the 20% darker color. If you saturate the color by 10%, you get $63, 58.461, 126.619$, and if you desaturate by 10%, it is $65, 40.704, 127.348$.

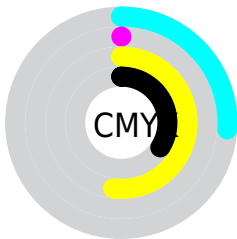
Distribution



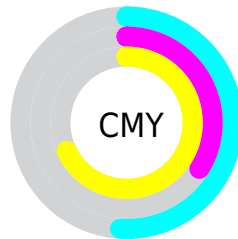
- Red (49%)
- Green (66%)
- Blue (32%)



- Red (32%)
- Yellow (66%)
- Blue (49%)



- Cyan (26%)
- Magenta (0%)
- Yellow (52%)
- Black (34%)



- Cyan (51%)
- Magenta (34%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 49.881, 126.927 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 64, 49.881, 126.927 by changing the saturation by 10% instead.

 64, 49.881,
126.927


 64, 49.881,
126.927


 100, 49.881,
126.927


 54, 49.881,
126.927


 84, 49.881,
126.927

 44, 49.881,
126.927

 94, 49.881,
126.927

 34, 49.881,
126.927

 24, 49.881,
126.927

 14, 49.881,
126.927

 4, 49.881, 126.927

 0, 49.881, 126.927

64, 49.881,
126.927

64, 49.881,
126.927

63, 58.461,
126.619

65, 40.704,
127.348

63, 66.116,
126.510

66, 31.164,
127.817

62, 72.442,
126.720

67, 21.427,
128.297

62, 77.064,
127.365

68, 11.608,
128.766

61, 79.806,
128.118

69, 1.788, 129.254

70, 7.977, 309.587

71, 17.646,
309.965

72, 27.189,
310.301

■ 74, 36.586,
310.603

Harmonies

Complementary

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



64, 49.881, 126.927



43, 53.743, 311.837

Rectangle

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



64, 49.881, 126.927



64, 49.881, 176.927



64, 49.881, 306.927



64, 49.881, 356.927

Sweetspot

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



64, 49.882, 126.928



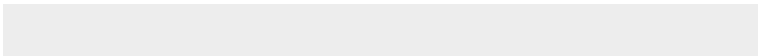
85, 19.523, 128.558



55, 32.348, 69.025



45, 13.162, 128.466



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 49.882, 126.928



81, 72.661, 126.591



62, 57.576, 140.242



35, 5.561, 128.883



55, 72.610, 127.947



5, 10.323, 131.635

Inverse Universe

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



43, 53.743, 311.837



50, 79.696, 312.344



48, 57.240, 327.083



33, 5.635, 309.666



22, 82.877, 312.229



1, 10.015, 306.777

Previews

White Background



This preview shows how the CIELCh color 64, 49.881, 126.927 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 64, 49.881, 126.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

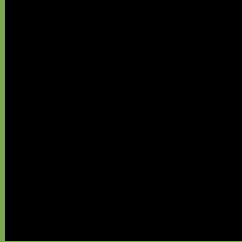
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 49.881, 126.927

Background



This preview shows how black text looks on a background with the CIELCh color 64, 49.881, 126.927.



This preview shows how white text looks on a background with the CIELCh color 64, 49.881, 126.927.

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
64, 49.881, 126.927

Protanopia
64, 42.712, 95.863

Deuteranopia
64, 38.999, 77.398



Tritanopia
64, 10.263, 244.098

Trichromacy



Original Color
64, 49.881, 126.927

Protanomaly
64, 43.916, 108.864

Deuteranomaly
63, 38.797, 99.354

Tritanomaly
64, 17.767, 149.280

Monochromacy



Original Color
64, 49.881, 126.927

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 18.488, 128.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 49.881, 126.927 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(124, 168, 81)` looks like.

```
.text, #text, p{  
    color:rgb(124, 168, 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(124, 168, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 168, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 49.881, 126.927 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(124, 168, 81) }
```

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

```
.border{ border-color:rgb(124, 168, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 168, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 168, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 168, 81);  
box-shadow:4px 4px 4px 4px rgb(124, 168,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 49.881, 126.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 168, 81) }
```

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

```
.background{ background-color: rgb(124,  
168, 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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