

Converting Colors

CIELCh(69, 29.026, 123.406)

Have a look what the booklet for
CIELCh(69, 29.026, 123.406)
contains.

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Color

CIELCh(69, 28.651, 122.993)

Conversions

Conversions Part 1

Format	Color
Hex	9CAF7C
RGB	156, 175, 124
RGB Percent	61%, 69%, 49%
CMY	0.3870, 0.3125, 0.5125
CMYK	0.11, 0.00, 0.29, 0.31
HSL	82°, 24%, 59%
HSV	82°, 29%, 69%
XYZ	32.8189, 39.3444, 25.0324
YIQ	163.5050, 5.0470, -19.8890

Conversions

Conversions Part 2

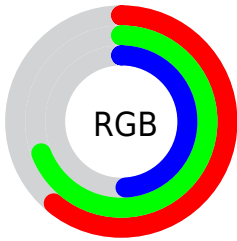
Format	Color
RYB	124, 175, 143
Decimal	10268540
CIELab	69.00, -15.60, 24.03
CIELCh	69, 28.651, 122.993
Yxy	39.3444, 0.3377, 0.4048
Android (android.graphics.Color)	4288458620 (0xFF9CAF7C)
YUV	163.5050, -19.4760, -6.5819
Hunter-Lab	62.7251, -16.3744, 20.2461

Details

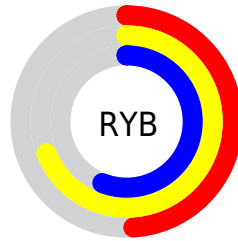
The CIELCh color **69, 28.651, 122.993** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **56, 30.168, 306.191**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 28.848, 123.192**, and **49, 28.751, 123.449** is the 20% darker color. If you saturate the color by 10%, you get **68, 38.252, 122.481**, and if you desaturate by 10%, it is **70, 18.865, 123.524**.

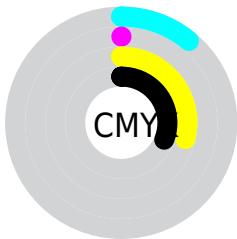
Distribution



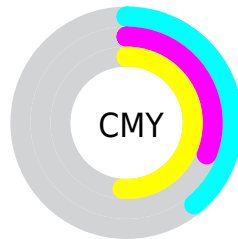
- Red (61%)
- Green (69%)
- Blue (49%)



- Red (49%)
- Yellow (69%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (31%)





- Cyan (39%)
- Magenta (31%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 28.651, 122.993 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 69, 28.651, 122.993 by changing the saturation by 10% instead.

 69, 28.651,
122.993


 69, 28.651,
122.993


 100, 28.651,
122.993


 59, 28.651,
122.993


 89, 28.651,
122.993

 49, 28.651,
122.993

 99, 28.651,
122.993

 39, 28.651,
122.993

 29, 28.651,
122.993

 19, 28.651,
122.993

 9, 28.651, 122.993

 0, 28.651, 122.993

69, 28.651,
122.993

69, 28.651,
122.993

68, 38.252,
122.481

70, 18.865,
123.524

68, 47.513,
122.018

71, 8.991, 124.049

67, 56.215,
121.660

72, 0.897, 304.466

66, 64.046,
121.486

73, 10.752,
305.007

66, 70.601,
121.603

74, 20.536,
305.449

65, 75.470,
122.125

75, 30.223,
305.856


65, 78.668,
123.051

76, 39.796,
306.229

65, 78.938,

77, 44.346,
307.874

123.134

 78, 44.852,
310.587

Harmonies

Complementary

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



69, 28.651, 122.993



56, 30.168, 306.191

Rectangle

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



69, 28.651, 122.993



69, 28.651, 172.993



69, 28.651, 302.993



69, 28.651, 352.993

Sweetspot

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



69, 28.653, 122.995



89, 10.969, 124.046



62, 17.283, 57.268



48, 7.685, 123.972



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 28.653, 122.995



86, 42.351, 122.658



67, 32.855, 139.129



36, 5.544, 124.039



56, 70.425, 122.939



6, 11.965, 127.943

Inverse Universe

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



56, 30.168, 306.191



66, 45.183, 306.641



58, 33.123, 322.105



34, 5.637, 304.973



20, 86.272, 309.561



1, 11.623, 301.945

Previews

White Background



This preview shows how the CIELCh color 69, 28.651, 122.993 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 69, 28.651, 122.993 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 69, 28.651, 122.993

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.651, 122.993.



This preview shows how white text looks on a background with the CIELCh color 69, 28.651, 122.993.

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](#).

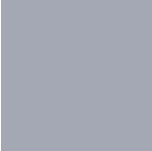
Dichromacy



Original Color
69, 28.651, 122.993

Protanopia
69, 26.140, 95.481

Deuteranopia
69, 24.524, 68.780



Tritanopia
69, 7.264, 279.361

Trichromacy



Original Color
69, 28.651, 122.993

Protanomaly
69, 26.536, 106.554

Deuteranomaly
69, 22.990, 89.930

Tritanomaly
69, 7.162, 141.676

Monochromacy



Original Color
69, 28.651, 122.993

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.257, 124.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.651, 122.993 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(156, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(156, 175, 124)  
}
```

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(156, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 175, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.651, 122.993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

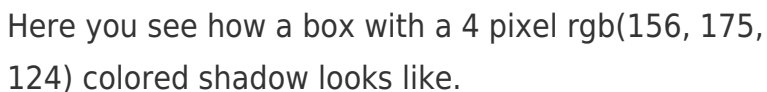
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 175, 124) }
```

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

```
.border{ border-color:rgb(156, 175, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 175, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 175, 124); box-shadow:4px 4px 4px 4px rgb(156, 175, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.651, 122.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 175, 124) }
```

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

```
.background{ background-color: rgb(156,  
175, 124) }
```

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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