

Converting Colors

CIELCh(69, 29.220, 112.094)

Have a look what the booklet for
CIELCh(69, 29.220, 112.094)
contains.

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Color

CIELCh(69, 29.248, 112.081)

Conversions

Conversions Part 1

Format	Color
Hex	A7AD77
RGB	167, 173, 119
RGB Percent	65%, 68%, 47%
CMY	0.3458, 0.3222, 0.5340
CMYK	0.03, 0.00, 0.31, 0.32
HSL	67°, 25%, 57%
HSV	67°, 31%, 68%
XYZ	34.1290, 39.3444, 23.1962
YIQ	165.0500, 13.7580, -18.0660

Conversions

Conversions Part 2

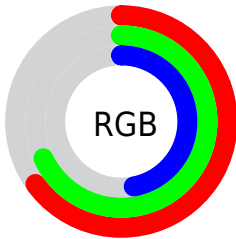
Format	Color
RYB	119, 173, 125
Decimal	10988919
CIELab	69.00, -10.99, 27.10
CIELCh	69, 29.248, 112.081
Yxy	39.3444, 0.3530, 0.4070
Android (android.graphics.Color)	4289178999 (0xFFA7AD77)
YUV	165.0500, -22.7026, 1.7102
Hunter-Lab	62.7251, -12.6463, 21.9817

Details

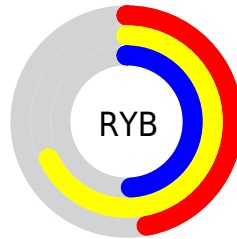
The CIELCh color **69, 29.248, 112.081** is a light color, and the websafe version is hex **999966**. A complement of this color would be **52, 31.478, 297.625**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 28.880, 111.638**, and **49, 29.286, 112.508** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.254, 111.319**, and if you desaturate by 10%, it is **69, 20.001, 112.874**.

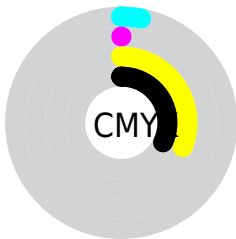
Distribution



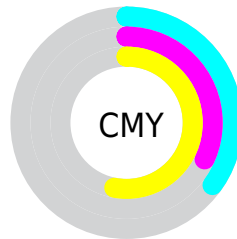
- Red (65%)
- Green (68%)
- Blue (47%)



- Red (47%)
- Yellow (68%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (31%)
- Black (32%)





- Cyan (35%)
- Magenta (32%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 29.248, 112.081 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, 29.248, 112.081 by changing the saturation by 10% instead.


 69, 29.248,
112.081


 69, 29.248,
112.081


 100, 29.248,
112.081


 59, 29.248,
112.081


 89, 29.248,
112.081

 49, 29.248,
112.081

 99, 29.248,
112.081

 39, 29.248,
112.081

 29, 29.248,
112.081

 19, 29.248,
112.081

 9, 29.248, 112.081

 0, 29.248, 112.081

69, 29.248,
112.081

69, 29.248,
112.081

69, 38.254,
111.319

69, 20.001,
112.874

68, 46.852,
110.611

70, 10.617,
113.667

68, 54.801,
110.000

71, 1.166, 114.435

68, 61.758,
109.543

71, 8.303, 295.214

67, 67.298,
109.306

72, 17.758,
295.943

67, 71.026,
109.355

73, 27.174,
296.639

67, 73.026,
109.597

73, 36.533,
297.298

74, 44.701,
297.938

■ 74, 44.742,
298.700

Harmonies

Complementary

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



69, 29.248, 112.081



52, 31.478, 297.625

Rectangle

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



69, 29.248, 112.081



69, 29.248, 162.081



69, 29.248, 292.081



69, 29.248, 342.081

Sweetspot

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



69, 29.249, 112.084



89, 10.515, 113.831



57, 20.921, 29.905



47, 7.296, 113.720



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 29.249, 112.084



87, 42.604, 111.589



67, 32.138, 131.075



37, 5.363, 113.820



59, 65.929, 109.525



7, 11.428, 116.359

Inverse Universe

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



52, 31.478, 297.625



63, 46.697, 298.446



55, 33.214, 313.846



34, 5.478, 295.320



17, 89.614, 306.742



1, 11.379, 293.744

Previews

White Background



This preview shows how the CIELCh color 69, 29.248, 112.081 looks on a white background.

Color Contrast Check

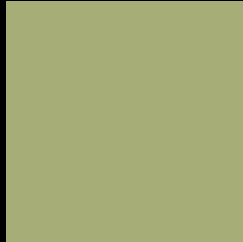
Large Text (above 18pt) WCAG AA × Fail

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, 29.248, 112.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

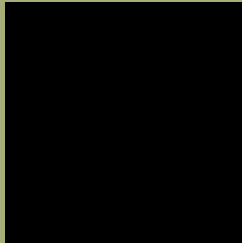
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 29.248, 112.081

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.248, 112.081.

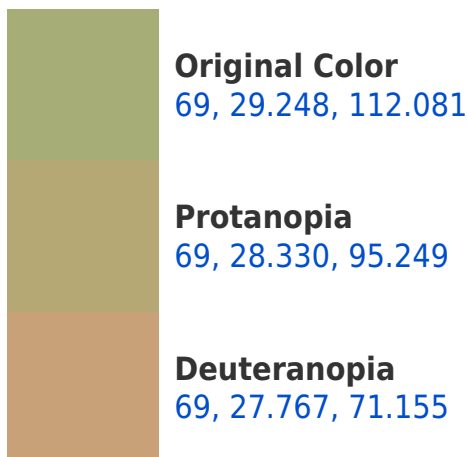


This preview shows how white text looks on a background with the CIELCh color 69, 29.248, 112.081.

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
69, 7.933, 315.768

Trichromacy



Original Color
69, 29.248, 112.081

Protanomaly
69, 28.265, 102.164

Deuteranomaly
69, 26.492, 86.062

Tritanomaly
69, 6.660, 99.406

Monochromacy



Original Color
69, 29.248, 112.081

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.978, 113.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.248, 112.081 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(167, 173, 119)` looks like.

```
.text, #text, p{  
    color:rgb(167, 173, 119)  
}
```

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(167, 173, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 173, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.248, 112.081 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(167, 173, 119) }
```

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

```
.border{ border-color:rgb(167, 173, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 173, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 173, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 173, 119);  
box-shadow:4px 4px 4px 4px rgb(167, 173,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.248, 112.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 173, 119) }
```

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

```
.background{ background-color: rgb(167,  
173, 119) }
```

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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