

Converting Colors

CIELCh(69, 21.924, 119.839)

Have a look what the booklet for
CIELCh(69, 21.924, 119.839)
contains.

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Color

CIELCh(69, 21.655, 119.803)

Conversions

Conversions Part 1

Format	Color
Hex	A2AD86
RGB	162, 173, 134
RGB Percent	64%, 68%, 53%
CMY	0.3643, 0.3211, 0.4741
CMYK	0.06, 0.00, 0.23, 0.32
HSL	77°, 19%, 60%
HSV	77°, 23%, 68%
XYZ	34.1959, 39.3444, 28.3833
YIQ	165.2650, 5.9630, -14.4610

Conversions

Conversions Part 2

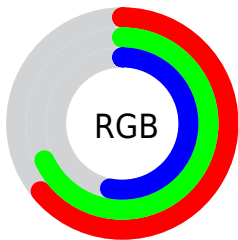
Format	Color
RYB	134, 173, 145
Decimal	10661254
CIELab	69.00, -10.76, 18.79
CIElCh	69, 21.655, 119.803
Yxy	39.3444, 0.3355, 0.3860
Android (android.graphics.Color)	4288851334 (0xFFA2AD86)
YUV	165.2650, -15.4136, -2.8634
Hunter-Lab	62.7251, -12.4560, 17.0786

Details

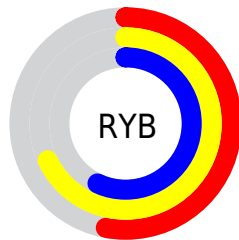
The CIELCh color **69, 21.655, 119.803** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 22.635, 302.614**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.604, 119.511**, and **49, 21.913, 119.997** is the 20% darker color. If you saturate the color by 10%, you get **68, 31.110, 119.213**, and if you desaturate by 10%, it is **70, 12.072, 120.403**.

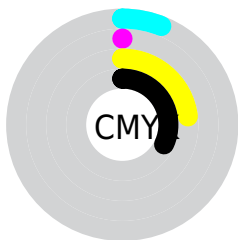
Distribution



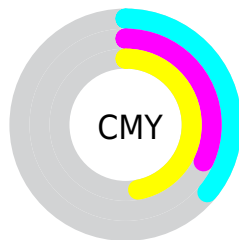
- Red (64%)
- Green (68%)
- Blue (53%)



- Red (53%)
- Yellow (68%)
- Blue (57%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (32%)





- Cyan (36%)
- Magenta (32%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 21.655, 119.803 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, 21.655, 119.803 by changing the saturation by 10% instead.

 69, 21.655,
119.803


 69, 21.655,
119.803

 100, 21.655,
119.803


 59, 21.655,
119.803


 89, 21.655,
119.803

 49, 21.655,
119.803

 99, 21.655,
119.803

 39, 21.655,
119.803

 29, 21.655,
119.803

 19, 21.655,
119.803

 9, 21.655, 119.803

 0, 21.655, 119.803

69, 21.655,
119.803

69, 21.655,
119.803

68, 31.110,
119.213

70, 12.072,
120.403

68, 40.320,
118.648

71, 2.435, 120.998

67, 49.118,
118.153

71, 7.204, 301.537

67, 57.256,
117.783

72, 16.804,
302.069

66, 64.388,
117.621

73, 26.340,
302.566

66, 70.094,
117.768

74, 35.791,
303.028


65, 74.002,
118.323

75, 44.994,
303.482

65, 76.015,

76, 45.246,
305.460

118.935

 76, 45.546,
307.437

Harmonies

Complementary

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



69, 21.655, 119.803



58, 22.635, 302.614

Rectangle

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



69, 21.655, 119.803



69, 21.655, 169.803



69, 21.655, 299.803



69, 21.655, 349.803

Sweetspot

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



69, 21.657, 119.806



89, 8.327, 120.724



62, 13.153, 46.399



47, 5.404, 120.690



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, 21.657, 119.806



87, 31.980, 119.511



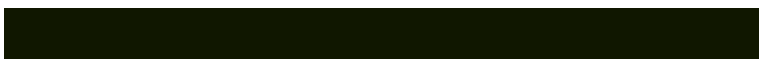
68, 24.405, 136.730



36, 5.461, 120.595



57, 68.494, 118.779



7, 11.744, 124.403

Inverse Universe

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



58, 22.635, 302.614



71, 33.785, 303.000



60, 24.710, 318.767



34, 5.564, 301.685



19, 87.699, 308.242



1, 11.512, 299.148

Previews

White Background



This preview shows how the CIELCh color 69, 21.655, 119.803 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, 21.655, 119.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

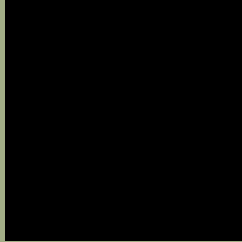
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 21.655, 119.803

Background



This preview shows how black text looks on a background with the CIELCh color 69, 21.655, 119.803.



This preview shows how white text looks on a background with the CIELCh color 69, 21.655, 119.803.

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, 21.655, 119.803

Protanopia
69, 20.148, 95.174

Deuteranopia
69, 19.884, 65.347



Tritanopia
69, 7.197, 296.754

Trichromacy



Original Color
69, 21.655, 119.803

Protanomaly
69, 20.164, 104.628

Deuteranomaly
69, 18.359, 86.070

Tritanomaly
69, 3.486, 128.947

Monochromacy



Original Color
69, 21.655, 119.803

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.838, 120.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 21.655, 119.803 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(162, 173, 134)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 134)  
}
```

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(162, 173, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 21.655, 119.803 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(162, 173, 134) }
```

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

```
.border{ border-color:rgb(162, 173, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 134);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 21.655, 119.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 134) }
```

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

```
.background{ background-color: rgb(162,  
173, 134) }
```

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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