

Converting Colors

CIELCh(69, 26.225, 103.462)

Have a look what the booklet for
CIELCh(69, 26.225, 103.462)
contains.

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Color

CIELCh(69, 26.109, 102.919)

Conversions

Conversions Part 1

Format	Color
Hex	AFAA7A
RGB	175, 170, 122
RGB Percent	69%, 67%, 48%
CMY	0.3131, 0.3327, 0.5210
CMYK	0.00, 0.03, 0.30, 0.31
HSL	54°, 25%, 58%
HSV	54°, 30%, 69%
XYZ	35.6366, 39.3444, 24.1736
YIQ	166.0230, 18.3880, -13.8680

Conversions

Conversions Part 2

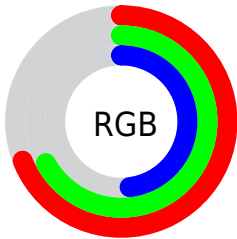
Format	Color
RYB	128, 175, 122
Decimal	11512442
CIELab	69.00, -5.84, 25.45
CIELCh	69, 26.109, 102.919
Yxy	39.3444, 0.3594, 0.3968
Android (android.graphics.Color)	4289702522 (0xFFAFAA7A)
YUV	166.0230, -21.7033, 7.8728
Hunter-Lab	62.7251, -8.3561, 21.0578

Details

The CIELCh color **69, 26.109, 102.919** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 27.656, 289.989**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 25.907, 102.860**, and **49, 25.968, 102.661** is the 20% darker color. If you saturate the color by 10%, you get **68, 34.550, 101.866**, and if you desaturate by 10%, it is **70, 17.524, 103.979**.

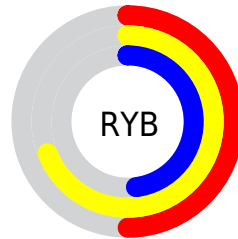
Distribution



Red (69%)

Green (67%)

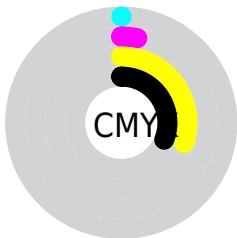
Blue (48%)



Red (50%)

Yellow (69%)

Blue (48%)

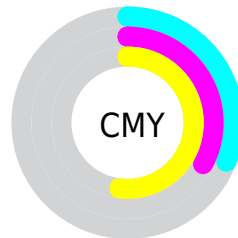


Cyan (0%)

Magenta (3%)

Yellow (30%)

Black (31%)



Cyan (31%)


Magenta (33%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 26.109, 102.919 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, 26.109, 102.919 by changing the saturation by 10% instead.


 69, 26.109,
102.919


 69, 26.109,
102.919


 100, 26.109,
102.919


 59, 26.109,
102.919


 89, 26.109,
102.919

 49, 26.109,
102.919

 99, 26.109,
102.919

 39, 26.109,
102.919

 29, 26.109,
102.919

 19, 26.109,
102.919

 9, 26.109, 102.919

 0, 26.109, 102.919

69, 26.109,
102.919

69, 26.109,
102.919

68, 34.550,
101.866

70, 17.524,
103.979

68, 42.707,
100.824

71, 8.877, 105.020

71, 0.221, 105.627

67, 50.359, 99.815

72, 8.414, 287.057

66, 57.173, 98.859

73, 17.007,
288.007

66, 62.691, 97.975

65, 66.416, 97.170

74, 25.547,
288.921

65, 68.416, 96.447

75, 34.026,
289.794

76, 38.577,
289.895

■ 77, 37.664,
288.927

Harmonies

Complementary

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



69, 26.109, 102.919



55, 27.656, 289.989

Rectangle

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



69, 26.109, 102.919



69, 26.109, 152.919



69, 26.109, 282.919



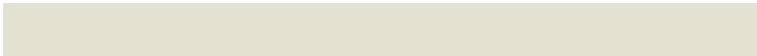
69, 26.109, 332.919

Sweetspot

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



69, 26.110, 102.923



89, 9.607, 105.133



57, 22.118, 14.219



48, 6.731, 104.987



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, 26.110, 102.923



87, 38.227, 102.251



69, 29.934, 123.989



36, 4.855, 105.119



56, 61.216, 96.531



6, 9.858, 104.054

Inverse Universe

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



55, 27.656, 289.989



65, 41.110, 291.072



55, 31.510, 307.190



34, 4.941, 287.099



18, 85.566, 304.796



1, 10.484, 286.897

Previews

White Background



This preview shows how the CIELCh color 69, 26.109, 102.919 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, 26.109, 102.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

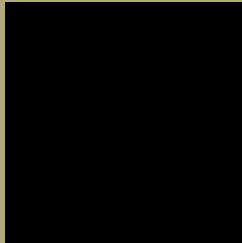
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 26.109, 102.919

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.109, 102.919.



This preview shows how white text looks on a background with the CIELCh color 69, 26.109, 102.919.

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, 26.109, 102.919

Protanopia
69, 26.140, 95.481

Deuteranopia
69, 26.139, 70.056



Tritanopia
69, 10.139, 335.618

Trichromacy



Original Color
69, 26.109, 102.919

Protanomaly
69, 26.396, 98.355

Deuteranomaly
69, 25.060, 81.887

Tritanomaly
69, 7.751, 64.450

Monochromacy



Original Color
69, 26.109, 102.919

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.853, 106.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.109, 102.919 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(175, 170, 122)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 122)  
}
```

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(175, 170, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.109, 102.919 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(175, 170, 122) }
```

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

```
.border{ border-color:rgb(175, 170, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 170, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 170, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 170, 122);  
box-shadow:4px 4px 4px 4px rgb(175, 170,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.109, 102.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 122) }
```

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

```
.background{ background-color: rgb(175,  
170, 122) }
```

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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