

Converting Colors

CIELCh(69, 39.258, 115.358)

Have a look what the booklet for
CIELCh(69, 39.258, 115.358)
contains.

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Color

CIELCh(69, 38.883, 114.994)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A1AF67 |
| RGB | 161, 175, 103 |
| RGB Percent | 63%, 69%, 40% |
| CMY | 0.3676, 0.3127, 0.5952 |
| CMYK | 0.08, 0.00, 0.41, 0.31 |
| HSL | 72°, 31%, 55% |
| HSV | 72°, 41%, 69% |
| XYZ | 32.5872, 39.3444, 18.7704 |
| YIQ | 162.6060, 14.7680, -25.3600 |

Conversions

Conversions Part 2

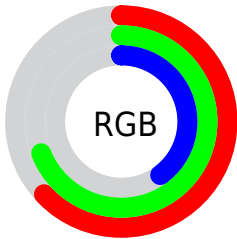
| Format | Color |
|-------------------------------------|---|
| RYB | 103, 175, 117 |
| Decimal | 10596199 |
| CIELab | 69.00, -16.43, 35.24 |
| CIElCh | 69, 38.883, 114.994 |
| Yxy | 39.3444, 0.3593, 0.4338 |
| Android (android.graphics.Color) | 4288786279 (0xFFA1AF67) |
| YUV | 162.6060, -29.3858, -1.4085 |
| Hunter-Lab | 62.7251, -17.0338, 26.1651 |

Details

The CIELCh color **69, 38.883, 114.994** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48, 42.823, 301.451**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 39.199, 115.059**, and **49, 39.095, 115.247** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.684, 114.396**, and if you desaturate by 10%, it is **70, 29.684, 115.657**.

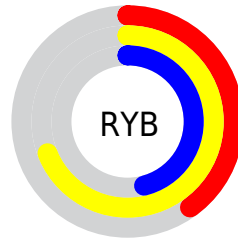
Distribution



Red (63%)

Green (69%)

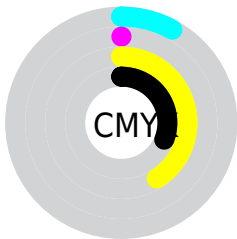
Blue (40%)



Red (40%)

Yellow (69%)

Blue (46%)

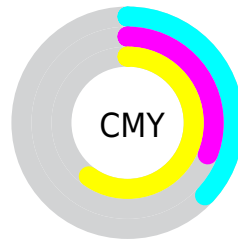


Cyan (8%)

Magenta (0%)

Yellow (41%)

Black (31%)



Cyan (37%)


Magenta (31%)

Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.883, 114.994 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, 38.883, 114.994 by changing the saturation by 10% instead.

 69, 38.883,
114.994

 69, 38.883,
114.994


 100, 38.883,
114.994


 59, 38.883,
114.994


 89, 38.883,
114.994

 49, 38.883,
114.994

 99, 38.883,
114.994

 39, 38.883,
114.994

 29, 38.883,
114.994

 19, 38.883,
114.994

 9, 38.883, 114.994

 0, 38.883, 114.994

69, 38.883,
114.994

69, 38.883,
114.994

69, 47.684,
114.396

70, 29.684,
115.657

68, 55.842,
113.905

70, 20.244,
116.343

68, 63.017,
113.592

71, 10.674,
117.032

67, 68.784,
113.541

71, 1.045, 117.714

67, 72.745,
113.839

72, 8.593, 298.357

67, 74.959,
114.358

73, 18.204,
298.979

74, 27.764,
299.567

75, 37.254,
300.119

■ 76, 43.507,
300.946

Harmonies

Complementary

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



69, 38.883, 114.994



48, 42.823, 301.451

Rectangle

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



69, 38.883, 114.994



69, 38.883, 164.994



69, 38.883, 294.994



69, 38.883, 344.994

Sweetspot

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



69, 38.884, 114.996



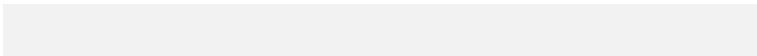
89, 14.245, 116.956



55, 27.270, 37.913



48, 9.523, 116.869



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, 38.884, 114.996



87, 56.545, 114.466



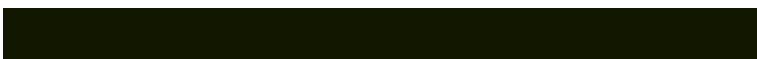
67, 43.596, 133.212



36, 5.401, 117.155



58, 66.956, 114.228



7, 11.560, 120.500

Inverse Universe

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



48, 42.823, 301.451



55, 63.944, 302.491



51, 45.026, 316.937



34, 5.511, 298.437



18, 88.833, 307.320



1, 11.431, 296.391

Previews

White Background



This preview shows how the CIELCh color 69, 38.883, 114.994 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, 38.883, 114.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

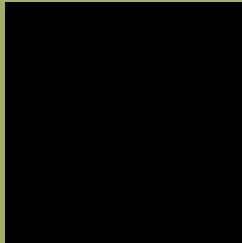
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

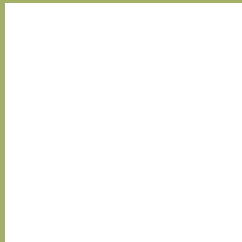
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 38.883, 114.994

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.883, 114.994.

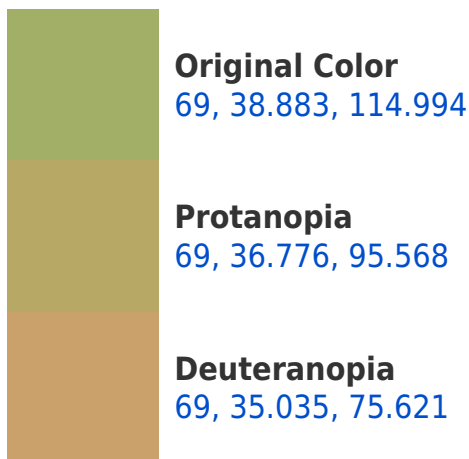


This preview shows how white text looks on a background with the CIELCh color 69, 38.883, 114.994.

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, 7.412, 305.297

Trichromacy



Original Color
69, 38.883, 114.994

Protanomaly
69, 37.057, 103.047

Deuteranomaly
69, 33.947, 90.531

Tritanomaly
69, 9.878, 113.710

Monochromacy



Original Color
69, 38.883, 114.994

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 14.388, 116.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.883, 114.994 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(161, 175, 103)` looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 103)  
}
```

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(161, 175, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.883, 114.994 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(161, 175, 103) }
```

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

```
.border{ border-color:rgb(161, 175, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 175, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 103);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.883, 114.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 175, 103) }
```

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

```
.background{ background-color: rgb(161,  
175, 103) }
```

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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