

Converting Colors

CIELCh(69, 36.914, 121.423)

Have a look what the booklet for
CIELCh(69, 36.914, 121.423)
contains.

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Color

CIELCh(69, 37.130, 121.386)

Conversions

Conversions Part 1

Format	Color
Hex	9AB16E
RGB	154, 177, 110
RGB Percent	60%, 69%, 43%
CMY	0.3968, 0.3066, 0.5693
CMYK	0.13, 0.00, 0.38, 0.31
HSL	81°, 30%, 56%
HSV	81°, 38%, 69%
XYZ	31.7815, 39.3444, 20.6213
YIQ	162.4850, 7.7990, -25.7130

Conversions

Conversions Part 2

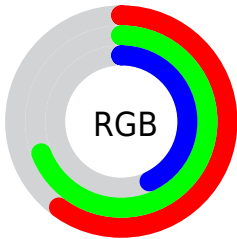
Format	Color
RYB	110, 177, 133
Decimal	10137966
CIELab	69.00, -19.34, 31.70
CIElCh	69, 37.130, 121.386
Yxy	39.3444, 0.3464, 0.4288
Android (android.graphics.Color)	4288328046 (0xFF9AB16E)
YUV	162.4850, -25.8751, -7.4413
Hunter-Lab	62.7251, -19.3267, 24.4156

Details

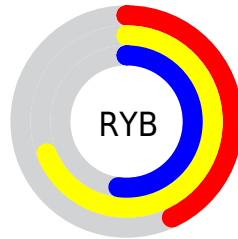
The CIELCh color $69, 37.130, 121.386$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 39.944, 305.862$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 37.512, 121.542$, and $49, 36.840, 121.075$ is the 20% darker color. If you saturate the color by 10%, you get $68, 46.436, 120.900$, and if you desaturate by 10%, it is $70, 27.503, 121.923$.

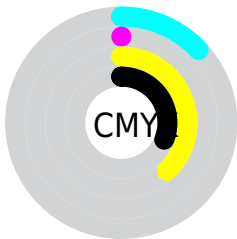
Distribution



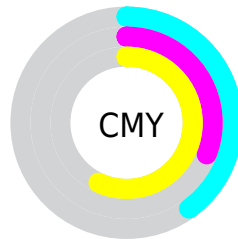
- Red (60%)
- Green (69%)
- Blue (43%)



- Red (43%)
- Yellow (69%)
- Blue (52%)



- Cyan (13%)
- Magenta (0%)
- Yellow (38%)
- Black (31%)




- Cyan (40%)
- Magenta (31%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 37.130, 121.386 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, 37.130, 121.386 by changing the saturation by 10% instead.

 69, 37.130,
121.386


 69, 37.130,
121.386


 100, 37.130,
121.386


 59, 37.130,
121.386

 89, 37.130,
121.386

 49, 37.130,
121.386

 99, 37.130,
121.386

 39, 37.130,
121.386

 29, 37.130,
121.386

 19, 37.130,
121.386

 9, 37.130, 121.386

 0, 37.130, 121.386

69, 37.130,
121.386

69, 37.130,
121.386

68, 46.436,
120.900

70, 27.503,
121.923

68, 55.204,
120.510

71, 17.695,
122.472

67, 63.132,
120.293

71, 7.804, 123.016

67, 69.821,
120.350

72, 2.101, 303.500

73, 11.974,
304.014

66, 74.846,
120.794

74, 21.779,
304.475

66, 78.085,
121.667

75, 31.493,
304.902

66, 78.697,
121.858

77, 41.097,
305.294

■ 77, 43.408,
307.419

Harmonies

Complementary

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



69, 37.130, 121.386



51, 39.944, 305.862

Rectangle

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



69, 37.130, 121.386



69, 37.130, 171.386



69, 37.130, 301.386



69, 37.130, 351.386

Sweetspot

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



69, 37.131, 121.388



90, 13.460, 122.838



59, 23.455, 52.995



48, 9.034, 122.766



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, 37.131, 121.388



87, 54.088, 120.997



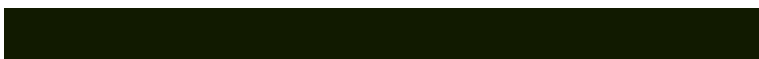
67, 42.481, 137.640



37, 5.649, 122.938



58, 70.649, 121.683



8, 13.995, 127.365

Inverse Universe

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



51, 39.944, 305.862



60, 59.266, 306.483



54, 43.028, 321.477



35, 5.748, 303.922



20, 87.844, 309.079



1, 13.568, 300.484

Previews

White Background



This preview shows how the CIELCh color 69, 37.130, 121.386 looks on a white background.

Color Contrast Check

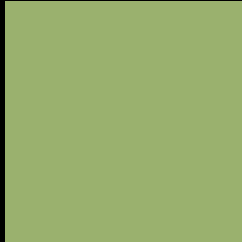
Large Text (above 18pt) WCAG AA × Fail

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, 37.130, 121.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

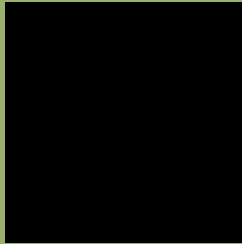
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 37.130, 121.386

Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.130, 121.386.

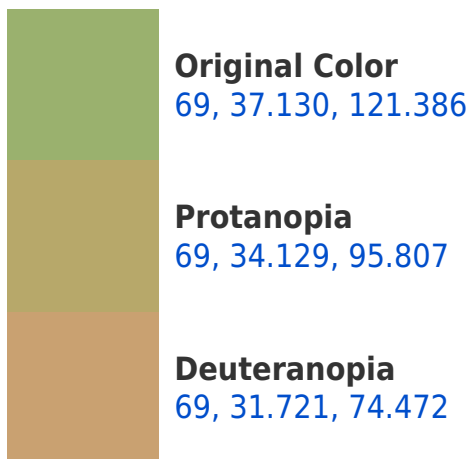


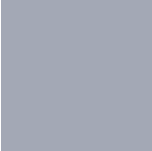
This preview shows how white text looks on a background with the CIELCh color 69, 37.130, 121.386.

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, 7.337, 276.588

Trichromacy



Original Color
69, 37.130, 121.386

Protanomaly
69, 34.416, 105.922

Deuteranomaly
69, 30.746, 93.420

Tritanomaly
69, 9.763, 134.960

Monochromacy



Original Color
69, 37.130, 121.386

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 13.553, 122.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 37.130, 121.386 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(154, 177, 110)` looks like.

```
.text, #text, p{  
    color:rgb(154, 177, 110)  
}
```

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(154, 177, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 177, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 37.130, 121.386 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(154, 177, 110) }
```

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

```
.border{ border-color:rgb(154, 177, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 177, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 177, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 177, 110);  
box-shadow:4px 4px 4px 4px rgb(154, 177,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 37.130, 121.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 177, 110) }
```

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

```
.background{ background-color: rgb(154,  
177, 110) }
```

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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