

Converting Colors

CIELCh(69, 33.728, 110.315)

Have a look what the booklet for
CIELCh(69, 33.728, 110.315)
contains.

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Color

CIELCh(69, 33.907, 110.272)

Conversions

Conversions Part 1

Format	Color
Hex	A8AD6E
RGB	168, 173, 110
RGB Percent	66%, 68%, 43%
CMY	0.3411, 0.3215, 0.5686
CMYK	0.03, 0.00, 0.36, 0.32
HSL	65°, 28%, 55%
HSV	65°, 36%, 68%
XYZ	33.9125, 39.3444, 20.5623
YIQ	164.3230, 17.2430, -20.6530

Conversions

Conversions Part 2

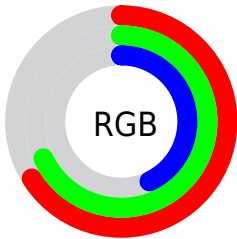
Format	Color
RYB	110, 173, 115
Decimal	11054446
CIELab	69.00, -11.75, 31.81
CIELCh	69, 33.907, 110.272
Yxy	39.3444, 0.3615, 0.4194
Android (android.graphics.Color)	4289244526 (0xFFA8AD6E)
YUV	164.3230, -26.7812, 3.2247
Hunter-Lab	62.7251, -13.2625, 24.4714

Details

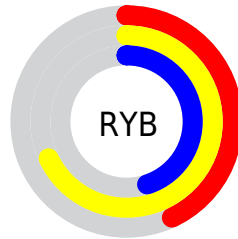
The CIELCh color $69, 33.907, 110.272$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49, 37.075, 297.285$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 33.897, 110.025$, and $49, 34.024, 110.314$ is the 20% darker color. If you saturate the color by 10%, you get $69, 42.713, 109.489$, and if you desaturate by 10%, it is $69, 24.782, 111.099$.

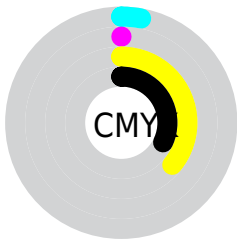
Distribution



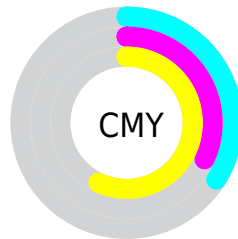
- Red (66%)
- Green (68%)
- Blue (43%)



- Red (43%)
- Yellow (68%)
- Blue (45%)



- Cyan (3%)
- Magenta (0%)
- Yellow (36%)
- Black (32%)





- Cyan (34%)
- Magenta (32%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 33.907, 110.272 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, 33.907, 110.272 by changing the saturation by 10% instead.

 69, 33.907,
110.272


 69, 33.907,
110.272


 100, 33.907,
110.272


 59, 33.907,
110.272


 89, 33.907,
110.272

 49, 33.907,
110.272

 99, 33.907,
110.272

 39, 33.907,
110.272

 29, 33.907,
110.272

 19, 33.907,
110.272

 9, 33.907, 110.272

 0, 33.907, 110.272

69, 33.907,
110.272

69, 33.907,
110.272

69, 42.713,
109.489

69, 24.782,
111.099

68, 50.995,
108.776

70, 15.469,
111.937

68, 58.456,
108.181

70, 6.055, 112.769

68, 64.704,
107.758

71, 3.402, 293.601

68, 69.304,
107.569

72, 12.861,
294.387

68, 72.017,
107.649

72, 22.297,
295.146

67, 72.791,
107.703

73, 31.688,
295.870

74, 41.019,
296.556

■ 74, 44.557,
297.142

Harmonies

Complementary

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



69, 33.907, 110.272



49, 37.075, 297.285

Rectangle

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



69, 33.907, 110.272



69, 33.907, 160.272



69, 33.907, 290.272



69, 33.907, 340.272

Sweetspot

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



69, 33.908, 110.275



89, 12.824, 112.374



54, 25.607, 27.615



47, 8.604, 112.265



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, 33.908, 110.275



87, 50.144, 109.615



67, 37.064, 129.707



37, 5.353, 112.530



59, 65.669, 107.650



7, 11.392, 114.664

Inverse Universe

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



49, 37.075, 297.285



57, 56.290, 298.531



52, 38.686, 313.009



34, 5.469, 294.121



17, 89.829, 306.590



1, 11.365, 292.726

Previews

White Background



This preview shows how the CIELCh color 69, 33.907, 110.272 looks on a white background.

Color Contrast Check

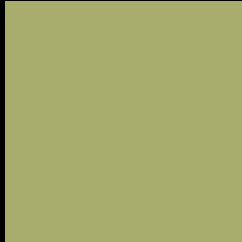
Large Text (above 18pt) WCAG AA × Fail

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, 33.907, 110.272 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, 33.907, 110.272

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.907, 110.272.



This preview shows how white text looks on a background with the CIELCh color 69, 33.907, 110.272.

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, 33.907, 110.272

Protanopia
69, 33.099, 95.605

Deuteranopia
69, 31.977, 73.836



Tritanopia
69, 8.278, 320.479

Trichromacy



Original Color
69, 33.907, 110.272

Protanomaly
69, 33.071, 100.867

Deuteranomaly
69, 30.871, 86.840

Tritanomaly
69, 8.425, 95.866

Monochromacy



Original Color
69, 33.907, 110.272

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 12.624, 112.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.907, 110.272 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(168, 173, 110)` looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 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(168, 173, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.907, 110.272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

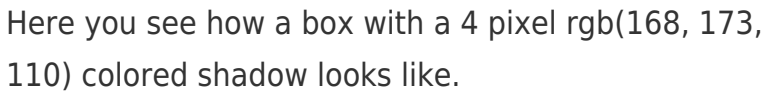
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 173, 110) }
```

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

```
.border{ border-color:rgb(168, 173, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 173, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 173, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 173, 110); box-shadow:4px 4px 4px 4px rgb(168, 173, 110) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.907, 110.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 173, 110) }
```

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

```
.background{ background-color: rgb(168,  
173, 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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