

Converting Colors

CIELCh(69, 43.886, 110.740)

Have a look what the booklet for
CIELCh(69, 43.886, 110.740)
contains.

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Color

CIELCh(69, 44.069, 110.741)

Conversions

Conversions Part 1

Format	Color
Hex	A6AF5C
RGB	166, 175, 92
RGB Percent	65%, 69%, 36%
CMY	0.3505, 0.3152, 0.6406
CMYK	0.05, 0.00, 0.48, 0.32
HSL	67°, 34%, 52%
HSV	67°, 48%, 68%
XYZ	32.8175, 39.3444, 15.9087
YIQ	162.8470, 21.2790, -27.7210

Conversions

Conversions Part 2

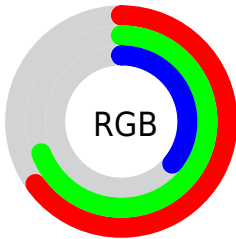
Format	Color
RYB	92, 175, 101
Decimal	10923868
CIELab	69.00, -15.61, 41.21
CIELCh	69, 44.069, 110.741
Yxy	39.3444, 0.3726, 0.4467
Android (android.graphics.Color)	4289113948 (0xFFA6AF5C)
YUV	162.8470, -34.9276, 2.7652
Hunter-Lab	62.7251, -16.3786, 28.8701

Details

The CIELCh color $69, 44.069, 110.741$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $43, 49.852, 299.777$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 43.850, 110.746$, and $49, 44.403, 111.039$ is the 20% darker color. If you saturate the color by 10%, you get $69, 52.360, 110.086$, and if you desaturate by 10%, it is $69, 35.227, 111.481$.

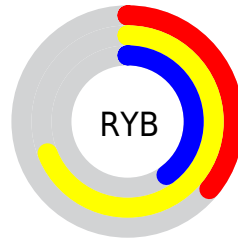
Distribution



Red (65%)

Green (69%)

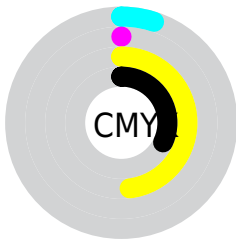
Blue (36%)



Red (36%)

Yellow (69%)

Blue (40%)

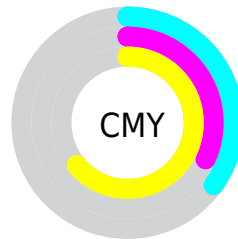


Cyan (5%)

Magenta (0%)

Yellow (48%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 44.069, 110.741 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, 44.069, 110.741 by changing the saturation by 10% instead.

 69, 44.069,
110.741

 69, 44.069,
110.741

 100, 44.069,
110.741

 59, 44.069,
110.741


 89, 44.069,
110.741

 49, 44.069,
110.741

 99, 44.069,
110.741

 39, 44.069,
110.741

 29, 44.069,
110.741

 19, 44.069,
110.741

 9, 44.069, 110.741

 0, 44.069, 110.741

69, 44.069,
110.741

69, 44.069,
110.741

69, 52.360,
110.086

69, 35.227,
111.481

68, 59.787,
109.560

70, 26.041,
112.263

68, 65.946,
109.229

70, 16.656,
113.060

68, 70.405,
109.159

71, 7.162, 113.854

71, 2.379, 294.645

68, 73.013,
109.380

72, 11.925,
295.392

68, 73.560,
109.448

73, 21.446,
296.114

74, 30.921,
296.800

■ 74, 40.334,
297.449

Harmonies

Complementary

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



69, 44.069, 110.741



43, 49.852, 299.777

Rectangle

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



69, 44.069, 110.741



69, 44.069, 160.741



69, 44.069, 290.741



69, 44.069, 340.741

Sweetspot

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



69, 44.070, 110.743



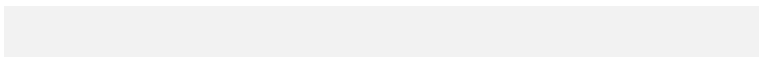
89, 16.489, 113.321



51, 34.181, 31.446



48, 11.469, 113.152



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, 44.070, 110.743



87, 64.144, 110.058



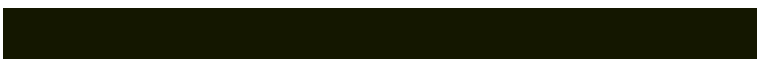
66, 48.760, 130.287



37, 5.362, 113.714



59, 65.905, 109.372



7, 11.424, 116.222

Inverse Universe

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



43, 49.852, 299.777



49, 75.337, 301.425



47, 51.320, 314.572



34, 5.477, 295.221



17, 89.633, 306.728



1, 11.377, 293.660

Previews

White Background



This preview shows how the CIELCh color 69, 44.069, 110.741 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, 44.069, 110.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

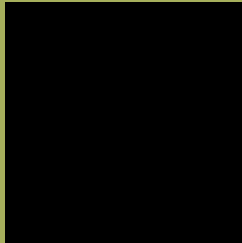
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 44.069, 110.741

Background



This preview shows how black text looks on a background with the CIELCh color 69, 44.069, 110.741.



This preview shows how white text looks on a background with the CIELCh color 69, 44.069, 110.741.

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, 44.069, 110.741

Protanopia

69, 42.869, 95.753

Deuteranopia

69, 40.973, 77.356



Tritanopia
69, 8.099, 318.171

Trichromacy



Original Color
69, 44.069, 110.741

Protanomaly
69, 42.727, 101.085

Deuteranomaly
69, 40.043, 89.585

Tritanomaly
69, 12.069, 103.282

Monochromacy



Original Color
69, 44.069, 110.741

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 17.038, 113.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 44.069, 110.741 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(166, 175, 92)` looks like.

```
.text, #text, p{  
    color:rgb(166, 175, 92)  
}
```

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(166, 175, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 175, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 44.069, 110.741 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(166, 175, 92) }
```

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

```
.border{ border-color:rgb(166, 175, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 175, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 175, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 175, 92);  
box-shadow:4px 4px 4px 4px rgb(166, 175,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 44.069, 110.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 175, 92) }
```

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

```
.background{ background-color: rgb(166,  
175, 92) }
```

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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