

Converting Colors

CIELCh(68, 41.554, 111.673)

Have a look what the booklet for
CIELCh(68, 41.554, 111.673)
contains.

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Color

CIELCh(68, 41.743, 111.787)

Conversions

Conversions Part 1

Format	Color
Hex	A2AC5E
RGB	162, 172, 94
RGB Percent	64%, 67%, 37%
CMY	0.3649, 0.3256, 0.6315
CMYK	0.06, 0.00, 0.45, 0.33
HSL	68°, 32%, 52%
HSV	68°, 45%, 67%
XYZ	31.6536, 37.9720, 16.2406
YIQ	160.1180, 19.0780, -26.3780

Conversions

Conversions Part 2

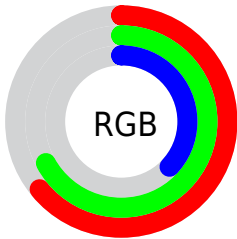
Format	Color
RYB	94, 172, 104
Decimal	10660958
CIELab	68.00, -15.49, 38.76
CIELCh	68, 41.743, 111.787
Yxy	37.9720, 0.3686, 0.4422
Android (android.graphics.Color)	4288851038 (0xFFA2AC5E)
YUV	160.1180, -32.5962, 1.6505
Hunter-Lab	61.6215, -16.1460, 27.5089

Details

The CIELCh color **68, 41.743, 111.787** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **44, 46.813, 300.011**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 41.525, 111.684**, and **48, 41.725, 111.716** is the 20% darker color. If you saturate the color by 10%, you get **68, 50.093, 111.140**, and if you desaturate by 10%, it is **68, 32.905, 112.512**.

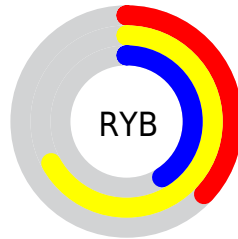
Distribution



Red (64%)

Green (67%)

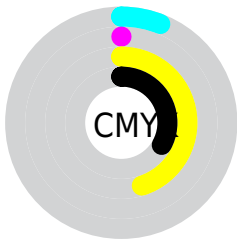
Blue (37%)



Red (37%)

Yellow (67%)

Blue (41%)

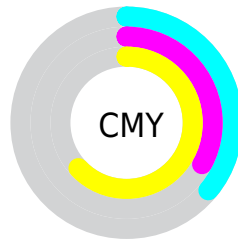


Cyan (6%)

Magenta (0%)

Yellow (45%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 41.743, 111.787 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 68, 41.743, 111.787 by changing the saturation by 10% instead.

 68, 41.743,
111.787

 68, 41.743,
111.787

 100, 41.743,
111.787

 58, 41.743,
111.787


 88, 41.743,
111.787

 48, 41.743,
111.787

 98, 41.743,
111.787

 38, 41.743,
111.787

 28, 41.743,
111.787

 18, 41.743,
111.787

 8, 41.743, 111.787

 0, 41.743, 111.787

■ 68, 41.743,
111.787

■ 68, 41.743,
111.787

■ 68, 50.093,
111.140

■ 68, 32.905,
112.512

■ 67, 57.671,
110.613

■ 69, 23.765,
113.272

■ 67, 64.098,
110.274

■ 69, 14.452,
114.043

■ 67, 68.943,
110.194

■ 70, 5.048, 114.806

■ 67, 71.904,
110.431

■ 71, 4.390, 295.559

■ 66, 72.946,
110.593

■ 71, 13.824,
296.276

■ 72, 23.226,
296.963

■ 73, 32.577,
297.614

■ 74, 41.860,
298.228

Harmonies

Complementary

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



68, 41.743, 111.787



44, 46.813, 300.011

Rectangle

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



68, 41.743, 111.787



68, 41.743, 161.787



68, 41.743, 291.787



68, 41.743, 341.787

Sweetspot

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



68, 41.744, 111.789



88, 16.361, 114.128



51, 31.562, 32.500



47, 11.275, 113.967



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 41.744, 111.789



86, 60.722, 111.164



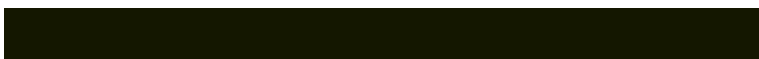
65, 46.294, 130.927



37, 5.369, 114.507



59, 66.100, 110.513



7, 11.451, 117.241

Inverse Universe

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



44, 46.813, 300.011



51, 70.367, 301.417



48, 48.473, 315.004



34, 5.483, 295.960



17, 89.479, 306.838



1, 11.387, 294.287

Previews

White Background



This preview shows how the CIELCh color 68, 41.743, 111.787 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 68, 41.743, 111.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

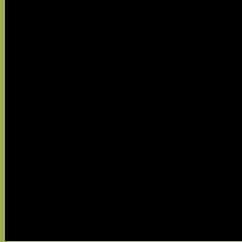
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 41.743, 111.787

Background



This preview shows how black text looks on a background with the CIELCh color 68, 41.743, 111.787.



This preview shows how white text looks on a background with the CIELCh color 68, 41.743, 111.787.

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
68, 41.743, 111.787

Protanopia
68, 40.373, 96.007

Deuteranopia
68, 38.713, 77.242



Tritanopia
68, 7.294, 314.927

Trichromacy



Original Color
68, 41.743, 111.787

Protanomaly
68, 40.260, 101.650

Deuteranomaly
68, 37.853, 90.200

Tritanomaly
68, 10.987, 104.898

Monochromacy



Original Color
68, 41.743, 111.787

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 15.424, 113.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 41.743, 111.787 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(162, 172, 94)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 94)  
}
```

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(162, 172, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 41.743, 111.787 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(162, 172, 94) }
```

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

```
.border{ border-color:rgb(162, 172, 94) }
```

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

Here you see how a box with a 4 pixel rgb(162, 172, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 94);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 41.743, 111.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 94) }
```

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

```
.background{ background-color: rgb(162,  
172, 94) }
```

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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