

Converting Colors

CIELCh(67, 43.698, 101.025)

Have a look what the booklet for
CIELCh(67, 43.698, 101.025)
contains.

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Color

CIELCh(67, 43.371, 100.946)

Conversions

Conversions Part 1

Format	Color
Hex	ADA554
RGB	173, 165, 84
RGB Percent	68%, 65%, 33%
CMY	0.3199, 0.3514, 0.6691
CMYK	0.00, 0.05, 0.51, 0.32
HSL	55°, 35%, 51%
HSV	55°, 51%, 68%
XYZ	32.4681, 36.6320, 13.8244
YIQ	158.1580, 30.7690, -23.4950

Conversions

Conversions Part 2

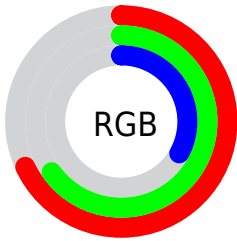
Format	Color
RYB	93, 173, 84
Decimal	11380052
CIELab	67.00, -8.24, 42.58
CIELCh	67, 43.371, 100.946
Yxy	36.6320, 0.3915, 0.4418
Android (android.graphics.Color)	4289570132 (0xFFADA554)
YUV	158.1580, -36.5599, 13.0164
Hunter-Lab	60.5244, -10.1620, 28.8246

Details

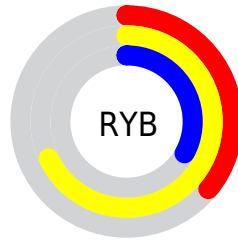
The CIELCh color **67, 43.371, 100.946** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **42, 48.737, 294.173**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 43.243, 101.083**, and **47, 43.284, 100.976** is the 20% darker color. If you saturate the color by 10%, you get **66, 50.910, 99.955**, and if you desaturate by 10%, it is **68, 35.299, 101.980**.

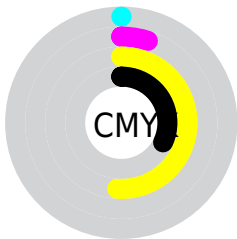
Distribution



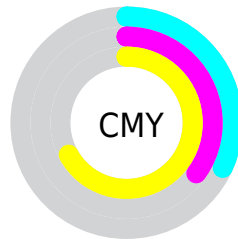
- Red (68%)
- Green (65%)
- Blue (33%)



- Red (36%)
- Yellow (68%)
- Blue (33%)



- Cyan (0%)
- Magenta (5%)
- Yellow (51%)
- Black (32%)



- Cyan (32%)
- Magenta (35%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 43.371, 100.946 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 67, 43.371, 100.946 by changing the saturation by 10% instead.


 67, 43.371,
100.946


 67, 43.371,
100.946


 100, 43.371,
100.946


 57, 43.371,
100.946


 87, 43.371,
100.946

 47, 43.371,
100.946

 97, 43.371,
100.946

 37, 43.371,
100.946

 27, 43.371,
100.946

 17, 43.371,
100.946

 7, 43.371, 100.946

 0, 43.371, 100.946

67, 43.371,
100.946

67, 43.371,
100.946

66, 50.910, 99.955

68, 35.299,
101.980

66, 57.568, 99.019

68, 26.921,
103.030

65, 62.884, 98.160

65, 66.378, 97.386

69, 18.383,
104.081

64, 68.108, 96.769

70, 9.775, 105.119

71, 1.149, 106.070

72, 7.458, 287.153

73, 16.028,
288.104

74, 24.548,
289.019

■ 75, 33.007,
289.893

Harmonies

Complementary

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



67, 43.371, 100.946



42, 48.737, 294.173

Rectangle

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



67, 43.371, 100.946



67, 43.371, 150.946



67, 43.371, 280.946



67, 43.371, 330.946

Sweetspot

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



67, 43.372, 100.949



88, 15.941, 104.715



47, 39.115, 17.951



46, 10.861, 104.504



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 43.372, 100.949



84, 63.200, 99.788



67, 49.405, 123.009



36, 4.877, 105.327



56, 61.387, 96.843



6, 9.920, 104.360

Inverse Universe

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



42, 48.737, 294.173



47, 74.203, 296.892



43, 54.308, 308.609



34, 4.964, 287.300



18, 85.807, 304.875



1, 10.522, 287.058

Previews

White Background



This preview shows how the CIELCh color 67, 43.371, 100.946 looks on a white background.

Color Contrast Check

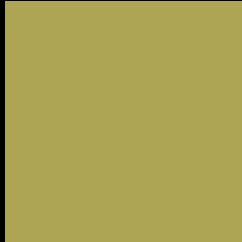
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 43.371, 100.946 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 67, 43.371, 100.946

Background



This preview shows how black text looks on a background with the CIELCh color 67, 43.371, 100.946.



This preview shows how white text looks on a background with the CIELCh color 67, 43.371, 100.946.

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
67, 43.371, 100.946

Protanopia
67, 43.032, 95.594

Deuteranopia
67, 42.615, 77.940



Tritanopia
67, 11.959, 346.999

Trichromacy



Original Color
67, 43.371, 100.946

Protanomaly
67, 43.250, 97.413

Deuteranomaly
67, 42.012, 86.731

Tritanomaly
67, 14.201, 73.885

Monochromacy



Original Color
67, 43.371, 100.946

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 16.002, 104.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 43.371, 100.946 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(173, 165, 84)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 84)  
}
```

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(173, 165, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 43.371, 100.946 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(173, 165, 84) }
```

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

```
.border{ border-color:rgb(173, 165, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 84);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 43.371, 100.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 84) }
```

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

```
.background{ background-color: rgb(173,  
165, 84) }
```

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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