

Converting Colors

CIELCh(67, 43.808, 105.765)

Have a look what the booklet for
CIELCh(67, 43.808, 105.765)
contains.

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Color

CIELCh(67, 43.636, 105.592)

Conversions

Conversions Part 1

Format	Color
Hex	A7A755
RGB	167, 167, 85
RGB Percent	65%, 65%, 33%
CMY	0.3441, 0.3441, 0.6657
CMYK	0.00, 0.00, 0.49, 0.34
HSL	60°, 32%, 50%
HSV	60°, 49%, 66%
XYZ	31.5043, 36.6320, 14.0533
YIQ	157.6520, 26.3220, -25.5020

Conversions

Conversions Part 2

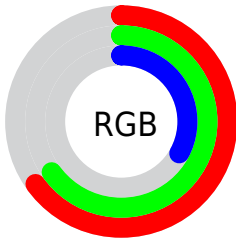
Format	Color
RYB	85, 167, 85
Decimal	10987349
CIELab	67.00, -11.73, 42.03
CIELCh	67, 43.636, 105.592
Yxy	36.6320, 0.3833, 0.4457
Android (android.graphics.Color)	4289177429 (0xFFA7A755)
YUV	157.6520, -35.8174, 8.1982
Hunter-Lab	60.5244, -13.0044, 28.6003

Details

The CIELCh color $67, 43.636, 105.592$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $40, 49.813, 297.122$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 43.473, 105.418$, and $47, 43.648, 105.440$ is the 20% darker color. If you saturate the color by 10%, you get $67, 51.502, 104.775$, and if you desaturate by 10%, it is $67, 35.197, 106.484$.

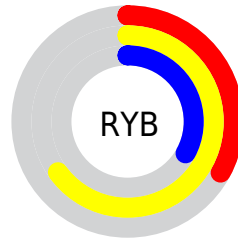
Distribution



Red (65%)

Green (65%)

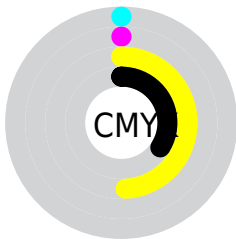
Blue (33%)



Red (33%)

Yellow (65%)

Blue (33%)

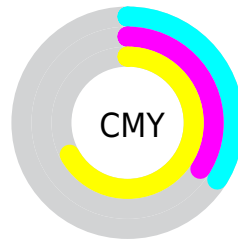


Cyan (0%)

Magenta (0%)

Yellow (49%)

Black (34%)



Cyan (34%)


Magenta (34%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 43.636, 105.592 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, 43.636, 105.592 by changing the saturation by 10% instead.


 67, 43.636,
105.592


 67, 43.636,
105.592


 100, 43.636,
105.592


 57, 43.636,
105.592


 87, 43.636,
105.592

 47, 43.636,
105.592

 97, 43.636,
105.592

 37, 43.636,
105.592

 27, 43.636,
105.592

 17, 43.636,
105.592

 7, 43.636, 105.592

 0, 43.636, 105.592

■ 67, 43.636,
105.592

■ 67, 43.636,
105.592

■ 67, 51.502,
104.775

■ 67, 35.197,
106.484

■ 67, 58.477,
104.060

■ 68, 26.402,
107.416

■ 67, 64.157,
103.489

■ 68, 17.399,
108.367

■ 67, 68.136,
103.096

■ 68, 8.281, 109.317

■ 67, 70.460,
102.869

■ 69, 0.891, 290.329

■ 66, 70.665,
102.849

■ 69, 10.075,
291.192

■ 70, 19.246,
292.081

■ 70, 28.382,
292.936

■ 71, 37.471,
293.752

Harmonies

Complementary

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



67, 43.636, 105.592



40, 49.813, 297.122

Rectangle

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



67, 43.636, 105.592



67, 43.636, 155.592



67, 43.636, 285.592



67, 43.636, 335.592

Sweetspot

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



67, 43.637, 105.595



86, 16.947, 108.726



46, 36.814, 23.582



46, 11.648, 108.533



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 43.637, 105.595



84, 63.395, 104.697



64, 46.952, 126.233



36, 5.210, 109.293



59, 64.561, 102.849



6, 9.556, 110.173

Inverse Universe

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



40, 49.813, 297.122



45, 75.552, 299.413



44, 50.569, 311.000



32, 5.323, 291.120



16, 89.148, 306.286



0, 9.558, 290.176

Previews

White Background



This preview shows how the CIELCh color 67, 43.636, 105.592 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, 43.636, 105.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

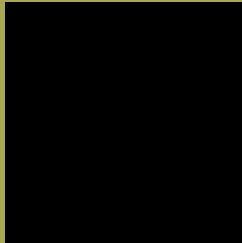
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 43.636, 105.592

Background



This preview shows how black text looks on a background with the CIELCh color 67, 43.636, 105.592.



This preview shows how white text looks on a background with the CIELCh color 67, 43.636, 105.592.

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, 43.636, 105.592

Protanopia
67, 43.032, 95.594

Deuteranopia
67, 41.914, 78.214



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 43.636, 105.592

Protanomaly
67, 43.464, 99.785

Deuteranomaly
67, 41.052, 88.323

Tritanomaly
67, 13.052, 87.044

Monochromacy



Original Color
67, 43.636, 105.592

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 15.963, 108.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 43.636, 105.592 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(167, 167, 85)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 85)  
}
```

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(167, 167, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 43.636, 105.592 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(167, 167, 85) }
```

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

```
.border{ border-color:rgb(167, 167, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 85);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 43.636, 105.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 85) }
```

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

```
.background{ background-color: rgb(167,  
167, 85) }
```

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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