

Converting Colors

CIELCh(67, 48.983, 104.047)

Have a look what the booklet for
CIELCh(67, 48.983, 104.047)
contains.

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Color

CIELCh(67, 48.902, 104.007)

Conversions

Conversions Part 1

Format	Color
Hex	A9A74A
RGB	169, 167, 74
RGB Percent	66%, 65%, 29%
CMY	0.3367, 0.3446, 0.7093
CMYK	0.00, 0.01, 0.56, 0.34
HSL	59°, 39%, 48%
HSV	59°, 56%, 66%
XYZ	31.4749, 36.6320, 11.9124
YIQ	156.9960, 31.0450, -28.4990

Conversions

Conversions Part 2

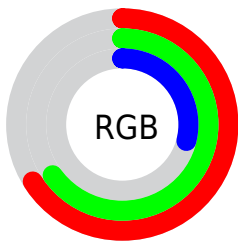
Format	Color
RYB	76, 169, 74
Decimal	11118410
CIELab	67.00, -11.84, 47.45
CIELCh	67, 48.902, 104.007
Yxy	36.6320, 0.3933, 0.4578
Android (android.graphics.Color)	4289308490 (0xFFA9A74A)
YUV	156.9960, -40.9170, 10.5275
Hunter-Lab	60.5244, -13.0910, 30.6976

Details

The CIELCh color $67, 48.902, 104.007$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $37, 57.067, 297.864$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 48.833, 104.103$, and $47, 48.852, 104.062$ is the 20% darker color. If you saturate the color by 10%, you get $67, 56.156, 103.211$, and if you desaturate by 10%, it is $67, 40.880, 104.892$.

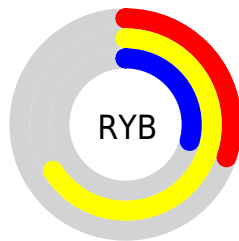
Distribution



Red (66%)

Green (65%)

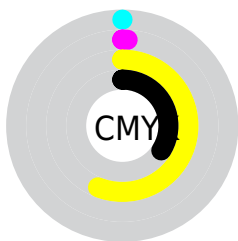
Blue (29%)



Red (30%)

Yellow (66%)

Blue (29%)

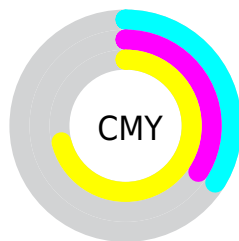


Cyan (0%)

Magenta (1%)

Yellow (56%)

Black (34%)



Cyan (34%)

Magenta (34%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 48.902, 104.007 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, 48.902, 104.007 by changing the saturation by 10% instead.

 67, 48.902,
104.007

 67, 48.902,
104.007

 100, 48.902,
104.007

 57, 48.902,
104.007

 87, 48.902,
104.007

 47, 48.902,
104.007

 97, 48.902,
104.007

 37, 48.902,
104.007

 27, 48.902,
104.007

 17, 48.902,
104.007

 7, 48.902, 104.007

 0, 48.902, 104.007

67, 48.902,
104.007

67, 48.902,
104.007

67, 56.156,
103.211

67, 40.880,
104.892

67, 62.249,
102.532

68, 32.375,
105.827

66, 66.742,
102.004

68, 23.582,
106.792

66, 69.366,
101.643

68, 14.626,
107.765

66, 70.155,
101.524

69, 5.588, 108.728

70, 3.480, 289.710

70, 12.545,
290.624

71, 21.584,
291.515

■ 71, 30.581,
292.371

Harmonies

Complementary

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



67, 48.902, 104.007



37, 57.067, 297.864

Rectangle

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



67, 48.902, 104.007



67, 48.902, 154.007



67, 48.902, 284.007



67, 48.902, 334.007

Sweetspot

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



67, 48.903, 104.010



86, 18.985, 107.655



44, 43.055, 23.965



46, 12.673, 107.471



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, 48.903, 104.010



84, 69.780, 103.063



64, 53.462, 125.366



35, 5.102, 108.432



58, 63.579, 101.539



6, 9.272, 108.970

Inverse Universe

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



37, 57.067, 297.864



41, 85.686, 300.546



41, 58.519, 310.880



33, 5.209, 290.289



17, 88.079, 305.955



1, 9.385, 289.450

Previews

White Background



This preview shows how the CIELCh color 67, 48.902, 104.007 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 67, 48.902, 104.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

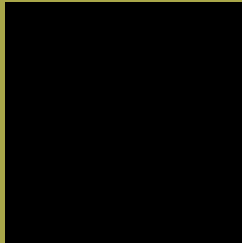
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 48.902, 104.007

Background



This preview shows how black text looks on a background with the CIELCh color 67, 48.902, 104.007.



This preview shows how white text looks on a background with the CIELCh color 67, 48.902, 104.007.

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, 48.902, 104.007

Protanopia

67, 48.368, 95.511

Deuteranopia

67, 47.454, 79.582



Tritanopia
67, 10.703, 342.230

Trichromacy



Original Color
67, 48.902, 104.007

Protanomaly
67, 48.819, 98.758

Deuteranomaly
67, 46.623, 88.553

Tritanomaly
67, 15.421, 86.874

Monochromacy



Original Color
67, 48.902, 104.007

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 18.693, 108.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 48.902, 104.007 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(169, 167, 74)` looks like.

```
.text, #text, p{  
    color:rgb(169, 167, 74)  
}
```

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(169, 167, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 167, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 48.902, 104.007 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(169, 167, 74) }
```

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

```
.border{ border-color:rgb(169, 167, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 167, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 167, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 167, 74);  
box-shadow:4px 4px 4px 4px rgb(169, 167,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 48.902, 104.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 167, 74) }
```

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

```
.background{ background-color: rgb(169,  
167, 74) }
```

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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