

Converting Colors

CIELCh(67, 14.799, 99.326)

Have a look what the booklet for
CIELCh(67, 14.799, 99.326) contains.

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Color

CIELCh(67, 14.481, 99.018)

Conversions

Conversions Part 1

Format	Color
Hex	A9A389
RGB	169, 163, 137
RGB Percent	66%, 64%, 54%
CMY	0.3357, 0.3592, 0.4612
CMYK	0.00, 0.04, 0.19, 0.34
HSL	49°, 16%, 60%
HSV	49°, 19%, 66%
XYZ	34.1591, 36.6320, 29.0825
YIQ	161.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

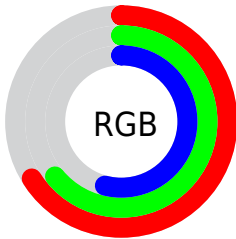
Format	Color
RYB	144, 169, 137
Decimal	11117449
CIELab	67.00, -2.27, 14.30
CIELCh	67, 14.481, 99.018
Yxy	36.6320, 0.3420, 0.3668
Android (android.graphics.Color)	4289307529 (0xFFA9A389)
YUV	161.8300, -12.2412, 6.2881
Hunter-Lab	60.5244, -5.1748, 13.8776

Details

The CIELCh color $67, 14.481, 99.018$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $60, 14.809, 283.525$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.749, 100.066$, and $47, 14.357, 97.570$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.186, 97.866$, and if you desaturate by 10%, it is $68, 6.794, 100.148$.

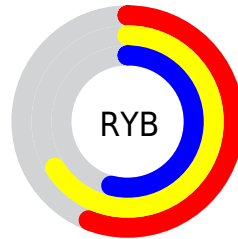
Distribution



Red (66%)

Green (64%)

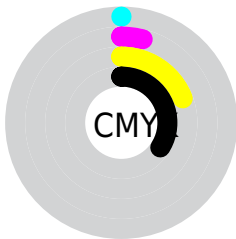
Blue (54%)



Red (56%)

Yellow (66%)

Blue (54%)

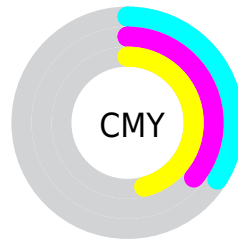


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 14.481, 99.018 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, 14.481, 99.018 by changing the saturation by 10% instead.

■ 67, 14.481, 99.018

■ 67, 14.481, 99.018

■ 100, 14.481,
99.018

■ 57, 14.481, 99.018

■ 87, 14.481, 99.018

■ 47, 14.481, 99.018

■ 97, 14.481, 99.018

■ 37, 14.481, 99.018

■ 27, 14.481, 99.018

■ 17, 14.481, 99.018

■ 7, 14.481, 99.018

■ 0, 14.481, 99.018

■ 67, 14.481, 99.018

■ 67, 14.481, 99.018

■ 66, 22.186, 97.866

■ 68, 6.794, 100.148

65, 29.849, 96.684

70, 0.847, 281.423

64, 37.369, 95.487

71, 8.423, 282.341

62, 44.576, 94.282

72, 15.927,
283.348

61, 51.186, 93.069

74, 23.355,
284.315

60, 56.773, 91.838

60, 60.789, 90.560

75, 30.707,
285.235

59, 63.066, 89.205

76, 37.473,
285.943

59, 63.303, 89.057

77, 35.807,
283.809

78, 34.194,
281.485

Harmonies

Complementary

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



67, 14.481, 99.018



60, 14.809, 283.525

Rectangle

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



67, 14.481, 99.018



67, 14.481, 149.018



67, 14.481, 279.018



67, 14.481, 329.018

Sweetspot

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



67, 14.482, 99.025



87, 5.643, 100.450



60, 13.246, 5.095



46, 3.739, 100.384



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, 14.482, 99.025



84, 21.768, 98.506



68, 17.916, 120.731



35, 4.298, 100.106



52, 57.351, 89.232



5, 7.362, 97.483

Inverse Universe

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



60, 14.809, 283.525



73, 22.387, 284.197



59, 18.570, 302.975



33, 4.351, 282.243



20, 77.847, 302.391



1, 8.073, 282.632

Previews

White Background



This preview shows how the CIELCh color 67, 14.481, 99.018 looks on a white background.

Color Contrast Check

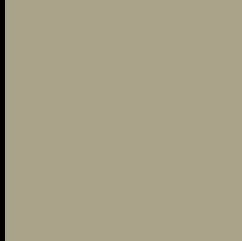
Large Text (above 18pt) WCAG AA × Fail

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, 14.481, 99.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

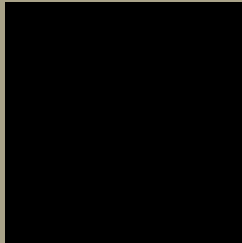
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

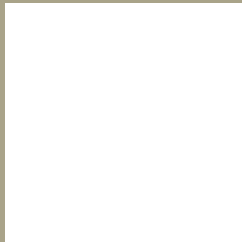
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 14.481, 99.018

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.481, 99.018.



This preview shows how white text looks on a background with the CIELCh color 67, 14.481, 99.018.

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, 14.481, 99.018

Protanopia

67, 14.737, 94.323

Deuteranopia

67, 15.889, 58.484



Tritanopia
67, 8.755, 331.024

Trichromacy



Original Color
67, 14.481, 99.018

Protanomaly
67, 14.640, 95.871

Deuteranomaly
67, 14.704, 71.271

Tritanomaly
67, 4.388, 34.170

Monochromacy



Original Color
67, 14.481, 99.018

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.550, 101.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.481, 99.018 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, 163, 137)` looks like.

```
.text, #text, p{  
    color:rgb(169, 163, 137)  
}
```

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, 163, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 163, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.481, 99.018 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, 163, 137) }
```

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

```
.border{ border-color:rgb(169, 163, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 163, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 163, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 163, 137);  
box-shadow:4px 4px 4px 4px rgb(169, 163,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.481, 99.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 163, 137) }
```

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

```
.background{ background-color: rgb(169,  
163, 137) }
```

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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