

Converting Colors

CIELCh(67, 15.048, 102.133)

Have a look what the booklet for
CIELCh(67, 15.048, 102.133)
contains.

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Color

CIELCh(67, 14.897, 102.390)

Conversions

Conversions Part 1

Format	Color
Hex	A8A489
RGB	168, 164, 137
RGB Percent	66%, 64%, 54%
CMY	0.3416, 0.3572, 0.4631
CMYK	0.00, 0.02, 0.18, 0.34
HSL	52°, 15%, 60%
HSV	52°, 18%, 66%
XYZ	33.8927, 36.6320, 28.9148
YIQ	162.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

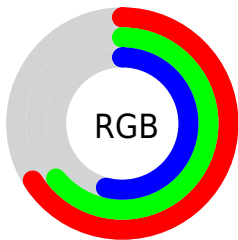
Format	Color
RYB	142, 168, 137
Decimal	11052169
CIELab	67.00, -3.20, 14.55
CIELCh	67, 14.897, 102.390
Yxy	36.6320, 0.3408, 0.3684
Android (android.graphics.Color)	4289242249 (0xFFA8A489)
YUV	162.1180, -12.3832, 5.1585
Hunter-Lab	60.5244, -5.9604, 14.0419

Details

The CIELCh color $67, 14.897, 102.390$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 15.340, 286.573$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 15.159, 103.163$, and $47, 14.775, 101.285$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.956, 101.306$, and if you desaturate by 10%, it is $68, 6.817, 103.460$.

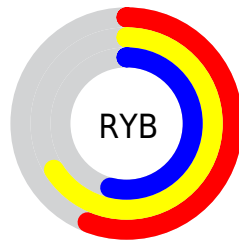
Distribution



Red (66%)

Green (64%)

Blue (54%)



Red (56%)

Yellow (66%)

Blue (54%)

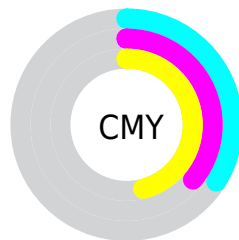


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (34%)



Cyan (34%)


Magenta (36%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.897, 102.390 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, 14.897, 102.390 by changing the saturation by 10% instead.


 67, 14.897,
102.390


 67, 14.897,
102.390


 100, 14.897,
102.390


 57, 14.897,
102.390


 87, 14.897,
102.390

 47, 14.897,
102.390

 97, 14.897,
102.390

 37, 14.897,
102.390

 27, 14.897,
102.390

 17, 14.897,
102.390

 7, 14.897, 102.390

 0, 14.897, 102.390

67, 14.897,
102.390

67, 14.897,
102.390

66, 22.956,
101.306

68, 6.817, 103.460

69, 1.248, 284.604

65, 30.922,
100.205

70, 9.274, 285.541

64, 38.685, 99.104

71, 17.247,
286.506

64, 46.060, 98.019

72, 25.159,
287.431

63, 52.759, 96.961

62, 58.361, 95.941

73, 33.006,
288.313

61, 62.361, 94.956

75, 40.785,
289.150

61, 64.595, 93.989

61, 64.908, 93.843

75, 39.894,
287.992

■ 76, 38.719,
286.697

Harmonies

Complementary

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



67, 14.897, 102.390



59, 15.340, 286.573

Rectangle

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



67, 14.897, 102.390



67, 14.897, 152.390



67, 14.897, 282.390



67, 14.897, 332.390

Sweetspot

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



67, 14.898, 102.396



87, 6.003, 103.703



60, 12.632, 10.158



46, 3.977, 103.640



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, 14.898, 102.396



85, 22.066, 101.969



67, 17.583, 123.338



35, 4.570, 103.374



54, 59.181, 93.947



5, 7.964, 101.940

Inverse Universe

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



59, 15.340, 286.573



73, 22.872, 287.131



59, 18.152, 305.297



33, 4.642, 285.405



18, 82.282, 304.031



1, 8.520, 285.269

Previews

White Background



This preview shows how the CIELCh color 67, 14.897, 102.390 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, 14.897, 102.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

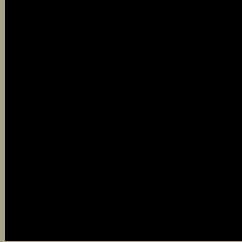
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 14.897, 102.390

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.897, 102.390.



This preview shows how white text looks on a background with the CIELCh color 67, 14.897, 102.390.

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, 14.897, 102.390

Protanopia

67, 15.269, 94.747

Deuteranopia

67, 16.266, 59.881



Tritanopia
67, 8.949, 326.847

Trichromacy



Original Color
67, 14.897, 102.390

Protanomaly
67, 15.176, 96.247

Deuteranomaly
67, 14.647, 75.028

Tritanomaly
67, 4.011, 35.534

Monochromacy



Original Color
67, 14.897, 102.390

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.513, 105.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.897, 102.390 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(168, 164, 137)` looks like.

```
.text, #text, p{  
    color:rgb(168, 164, 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(168, 164, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 164, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.897, 102.390 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(168, 164, 137) }
```

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

```
.border{ border-color:rgb(168, 164, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 164, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 164, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 164, 137); box-shadow:4px 4px 4px 4px rgb(168, 164, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.897, 102.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 164, 137) }
```

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

```
.background{ background-color: rgb(168,  
164, 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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