

Converting Colors

CIELCh(67, 19.732, 102.998)

Have a look what the booklet for
CIELCh(67, 19.732, 102.998)
contains.

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Color

CIELCh(67, 19.818, 102.137)

Conversions

Conversions Part 1

Format	Color
Hex	A9A480
RGB	169, 164, 128
RGB Percent	66%, 64%, 50%
CMY	0.3366, 0.3562, 0.4974
CMYK	0.00, 0.03, 0.24, 0.34
HSL	53°, 19%, 58%
HSV	53°, 24%, 66%
XYZ	33.6152, 36.6320, 25.7797
YIQ	161.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

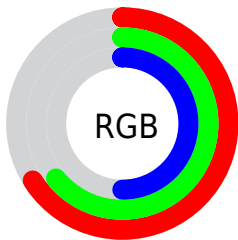
Format	Color
RYB	134, 169, 128
Decimal	11117696
CIELab	67.00, -4.17, 19.38
CIELCh	67, 19.818, 102.137
Yxy	36.6320, 0.3501, 0.3815
Android (android.graphics.Color)	4289307776 (0xFFA9A480)
YUV	161.3910, -16.4618, 6.6731
Hunter-Lab	60.5244, -6.7789, 17.1131

Details

The CIELCh color **67, 19.818, 102.137** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 20.634, 287.747**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 19.878, 101.833**, and **47, 19.383, 102.159** is the 20% darker color. If you saturate the color by 10%, you get **66, 27.932, 101.052**, and if you desaturate by 10%, it is **68, 11.642, 103.217**.

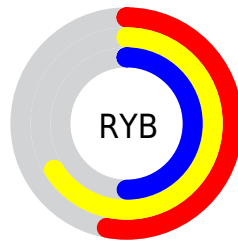
Distribution



Red (66%)

Green (64%)

Blue (50%)



Red (53%)

Yellow (66%)

Blue (50%)

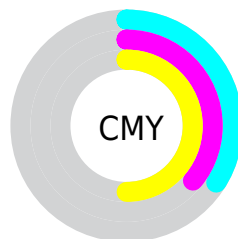


Cyan (0%)

Magenta (3%)

Yellow (24%)

Black (34%)



Cyan (34%)


Magenta (36%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.818, 102.137 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, 19.818, 102.137 by changing the saturation by 10% instead.


 67, 19.818,
102.137


 67, 19.818,
102.137


 100, 19.818,
102.137


 57, 19.818,
102.137


 87, 19.818,
102.137

 47, 19.818,
102.137

 97, 19.818,
102.137

 37, 19.818,
102.137

 27, 19.818,
102.137

 17, 19.818,
102.137

 7, 19.818, 102.137

 0, 19.818, 102.137

67, 19.818,
102.137

67, 19.818,
102.137

66, 27.932,
101.052

68, 11.642,
103.217

65, 35.887, 99.960

69, 3.456, 104.251

65, 43.531, 98.879

70, 4.706, 285.328

64, 50.620, 97.824

71, 12.824,
286.303

63, 56.786, 96.809

72, 20.887,
287.248

62, 61.544, 95.840

62, 64.420, 94.908

73, 28.888,
288.152

61, 65.546, 94.382

74, 36.823,
289.011

75, 40.164,
288.840

■ 76, 39.033,
287.639

Harmonies

Complementary

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



67, 19.818, 102.137



56, 20.634, 287.747

Rectangle

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



67, 19.818, 102.137



67, 19.818, 152.137



67, 19.818, 282.137



67, 19.818, 332.137

Sweetspot

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



67, 19.819, 102.142



87, 7.058, 103.962



58, 16.968, 10.843



46, 4.580, 103.905



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, 19.819, 102.142



84, 29.260, 101.568



67, 23.200, 123.030



35, 4.603, 103.739



54, 59.429, 94.484



5, 8.042, 102.443

Inverse Universe

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



56, 20.634, 287.747



68, 30.778, 288.571



56, 24.205, 305.664



33, 4.677, 285.757



18, 82.747, 304.194



1, 8.575, 285.566

Previews

White Background



This preview shows how the CIELCh color 67, 19.818, 102.137 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, 19.818, 102.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

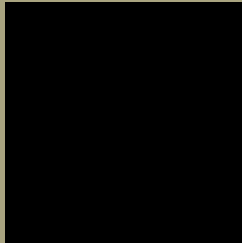
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

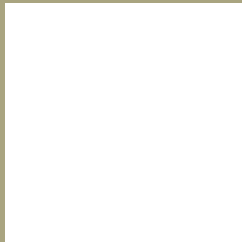
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 19.818, 102.137

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.818, 102.137.



This preview shows how white text looks on a background with the CIELCh color 67, 19.818, 102.137.

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, 19.818, 102.137

Protanopia
67, 19.728, 94.814

Deuteranopia
67, 20.447, 66.219



Tritanopia
67, 9.673, 332.378

Trichromacy



Original Color
67, 19.818, 102.137

Protanomaly
67, 19.548, 97.188

Deuteranomaly
67, 19.421, 80.255

Tritanomaly
67, 5.771, 48.169

Monochromacy



Original Color
67, 19.818, 102.137

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.190, 103.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.818, 102.137 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, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 128)  
}
```

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, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.818, 102.137 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, 164, 128) }
```

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

```
.border{ border-color:rgb(169, 164, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.818, 102.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 128) }
```

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

```
.background{ background-color: rgb(169,  
164, 128) }
```

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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