

Converting Colors

CIELCh(67, 16.545, 102.786)

Have a look what the booklet for
CIELCh(67, 16.545, 102.786)
contains.

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Color

CIELCh(67, 16.527, 102.798)

Conversions

Conversions Part 1

Format	Color
Hex	A8A486
RGB	168, 164, 134
RGB Percent	66%, 64%, 53%
CMY	0.3409, 0.3566, 0.4742
CMYK	0.00, 0.02, 0.20, 0.34
HSL	53°, 16%, 59%
HSV	53°, 20%, 66%
XYZ	33.7596, 36.6320, 27.8707
YIQ	161.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

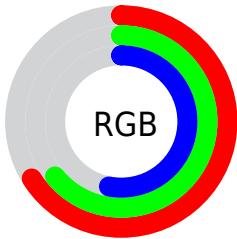
Format	Color
RYB	139, 168, 134
Decimal	11052166
CIELab	67.00, -3.66, 16.12
CIELCh	67, 16.527, 102.798
Yxy	36.6320, 0.3436, 0.3728
Android (android.graphics.Color)	4289242246 (0xFFA8A486)
YUV	161.7760, -13.6936, 5.4584
Hunter-Lab	60.5244, -6.3529, 15.0647

Details

The CIELCh color $67, 16.527, 102.798$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 17.093, 287.375$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 16.709, 103.539$, and $47, 16.508, 101.713$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.663, 101.724$, and if you desaturate by 10%, it is $68, 8.352, 103.863$.

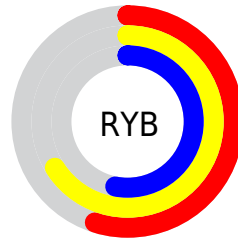
Distribution



Red (66%)

Green (64%)

Blue (53%)



Red (55%)

Yellow (66%)

Blue (53%)

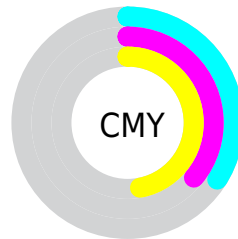


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (34%)



Cyan (34%)


Magenta (36%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.527, 102.798 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, 16.527, 102.798 by changing the saturation by 10% instead.


 67, 16.527,
102.798


 67, 16.527,
102.798


 100, 16.527,
102.798


 57, 16.527,
102.798


 87, 16.527,
102.798

 47, 16.527,
102.798

 97, 16.527,
102.798

 37, 16.527,
102.798

 27, 16.527,
102.798

 17, 16.527,
102.798

 7, 16.527, 102.798

 0, 16.527, 102.798

67, 16.527,
102.798

67, 16.527,
102.798

66, 24.663,
101.724

68, 8.352, 103.863

65, 32.680,
100.638

69, 0.180, 104.355

70, 7.961, 285.935

65, 40.453, 99.558

71, 16.055,
286.898

64, 47.779, 98.501

72, 24.092,
287.823

63, 54.344, 97.482

62, 59.707, 96.511

73, 32.066,
288.707

62, 63.369, 95.589

74, 39.973,
289.546

61, 65.404, 94.720

75, 40.625,
288.828

■ 75, 39.540,
287.690

Harmonies

Complementary

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



67, 16.527, 102.798



58, 17.093, 287.375

Rectangle

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



67, 16.527, 102.798



67, 16.527, 152.798



67, 16.527, 282.798



67, 16.527, 332.798

Sweetspot

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



67, 16.528, 102.804



87, 6.075, 104.287



59, 13.927, 10.360



46, 4.024, 104.225



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, 16.528, 102.804



85, 24.339, 102.351



67, 19.279, 123.243



35, 4.624, 103.961



54, 59.585, 94.813



5, 8.090, 102.750

Inverse Universe

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



58, 17.093, 287.375



72, 25.365, 287.985



58, 19.966, 305.407



33, 4.700, 285.973



18, 83.027, 304.292



1, 8.609, 285.748

Previews

White Background



This preview shows how the CIELCh color 67, 16.527, 102.798 looks on a white background.

Color Contrast Check

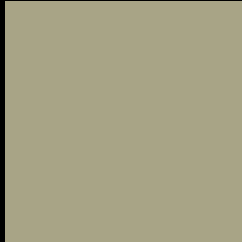
Large Text (above 18pt) WCAG AA × Fail

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, 16.527, 102.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

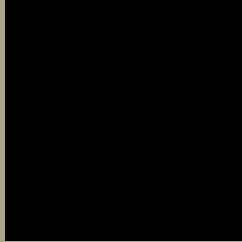
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

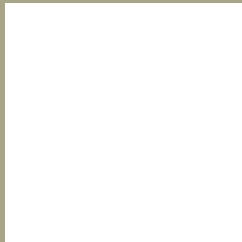
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 16.527, 102.798

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.527, 102.798.



This preview shows how white text looks on a background with the CIELCh color 67, 16.527, 102.798.

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, 16.527, 102.798

Protanopia
67, 16.968, 94.478

Deuteranopia
67, 17.364, 61.552



Tritanopia
67, 8.515, 329.053

Trichromacy



Original Color
67, 16.527, 102.798

Protanomaly
67, 16.785, 97.207

Deuteranomaly
67, 16.294, 76.745

Tritanomaly
67, 4.201, 42.735

Monochromacy



Original Color
67, 16.527, 102.798

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.063, 105.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.527, 102.798 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 164, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 164, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.527, 102.798 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, 134) }
```

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

```
.border{ border-color:rgb(168, 164, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 164, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 164, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 164,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.527, 102.798 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, 134) }
```

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

```
.background{ background-color: rgb(168,  
164, 134) }
```

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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