

Converting Colors

CIELCh(67, 26.042, 118.405)

Have a look what the booklet for
CIELCh(67, 26.042, 118.405)
contains.

| | |
|--|----|
| CIELCh(67, 26.068, 118.396) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(67, 26.068, 118.396)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9CA879 |
| RGB | 156, 168, 121 |
| RGB Percent | 61%, 66%, 47% |
| CMY | 0.3868, 0.3397, 0.5241 |
| CMYK | 0.07, 0.00, 0.28, 0.34 |
| HSL | 75°, 21%, 57% |
| HSV | 75°, 28%, 66% |
| XYZ | 31.3221, 36.6320, 23.6199 |
| YIQ | 159.0540, 7.9350, -17.1610 |

Conversions

Conversions Part 2

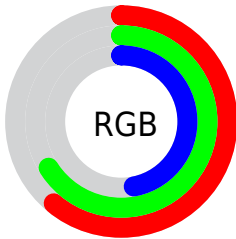
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 121, 168, 133 |
| Decimal | 10266745 |
| CIELab | 67.00, -12.40, 22.93 |
| CIELCh | 67, 26.068, 118.396 |
| Yxy | 36.6320, 0.3420, 0.4000 |
| Android (android.graphics.Color) | 4288456825 (0xFF9CA879) |
| YUV | 159.0540, -18.7606, -2.6784 |
| Hunter-Lab | 60.5244, -13.5417, 19.2288 |

Details

The CIELCh color $67, 26.068, 118.396$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 27.614, 302.119$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 25.806, 118.321$, and $47, 26.022, 118.592$ is the 20% darker color. If you saturate the color by 10%, you get $66, 35.155, 117.793$, and if you desaturate by 10%, it is $68, 16.800, 119.020$.

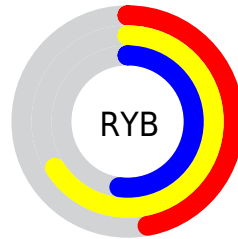
Distribution



Red (61%)

Green (66%)

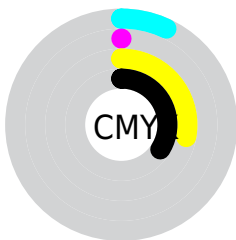
Blue (47%)



Red (47%)

Yellow (66%)

Blue (52%)

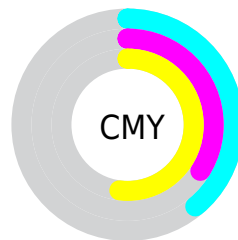


Cyan (7%)

Magenta (0%)

Yellow (28%)

Black (34%)



Cyan (39%)


Magenta (34%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.068, 118.396 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, 26.068, 118.396 by changing the saturation by 10% instead.

 67, 26.068,
118.396


 67, 26.068,
118.396


 100, 26.068,
118.396


 57, 26.068,
118.396


 87, 26.068,
118.396

 47, 26.068,
118.396

 97, 26.068,
118.396

 37, 26.068,
118.396

 27, 26.068,
118.396

 17, 26.068,
118.396

 7, 26.068, 118.396

 0, 26.068, 118.396

67, 26.068,
118.396

67, 26.068,
118.396

66, 35.155,
117.793

68, 16.800,
119.020

66, 43.919,
117.236

68, 7.437, 119.639

65, 52.160,
116.774

69, 1.956, 300.219

65, 59.587,
116.473

70, 11.336,
300.803

64, 65.814,
116.424

71, 20.671,
301.345

64, 70.434,
116.725

72, 29.939,
301.852


64, 73.348,
117.410

73, 39.123,
302.325

64, 73.892,

74, 47.662,
302.837

117.558

 74, 47.852,
304.463

Harmonies

Complementary

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



67, 26.068, 118.396



54, 27.614, 302.119

Rectangle

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



67, 26.068, 118.396



67, 26.068, 168.396



67, 26.068, 298.396



67, 26.068, 348.396

Sweetspot

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



67, 26.070, 118.399



87, 9.307, 119.626



59, 16.387, 44.428



46, 6.604, 119.536



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, 26.070, 118.399



85, 39.183, 117.990



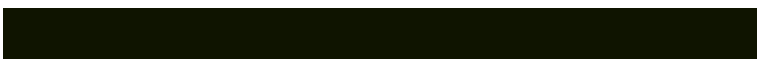
65, 29.418, 135.941



35, 5.308, 119.556



57, 67.131, 117.420



6, 9.821, 122.754

Inverse Universe

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



54, 27.614, 302.119



64, 42.176, 302.713



56, 29.906, 318.480



33, 5.410, 300.695



18, 86.967, 307.937



1, 9.686, 298.751

Previews

White Background



This preview shows how the CIELCh color 67, 26.068, 118.396 looks on a white background.

Color Contrast Check

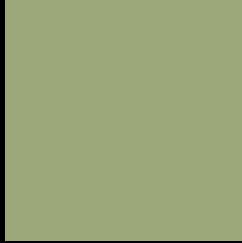
Large Text (above 18pt) WCAG AA × Fail

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, 26.068, 118.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

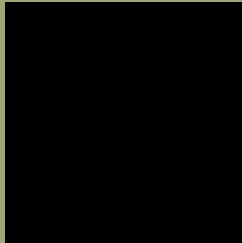
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

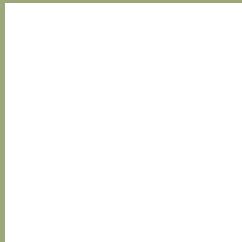
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 26.068, 118.396

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.068, 118.396.



This preview shows how white text looks on a background with the CIELCh color 67, 26.068, 118.396.

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, 26.068, 118.396

Protanopia

67, 24.601, 95.787

Deuteranopia

67, 23.236, 68.752



Tritanopia
67, 7.297, 299.661

Trichromacy



Original Color
67, 26.068, 118.396

Protanomaly
67, 24.580, 104.673

Deuteranomaly
67, 21.737, 87.684

Tritanomaly
67, 5.096, 122.770

Monochromacy



Original Color
67, 26.068, 118.396

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.516, 118.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.068, 118.396 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(156, 168, 121)` looks like.

```
.text, #text, p{  
    color:rgb(156, 168, 121)  
}
```

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(156, 168, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 168, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.068, 118.396 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(156, 168, 121) }
```

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

```
.border{ border-color:rgb(156, 168, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 168, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 168, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 168, 121);  
box-shadow:4px 4px 4px 4px rgb(156, 168,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.068, 118.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 168, 121) }
```

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

```
.background{ background-color: rgb(156,  
168, 121) }
```

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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