

Converting Colors

CIELCh(67, 29.169, 118.201)

Have a look what the booklet for
CIELCh(67, 29.169, 118.201)
contains.

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Color

CIELCh(67, 29.345, 118.550)

Conversions

Conversions Part 1

Format	Color
Hex	9BA974
RGB	155, 169, 116
RGB Percent	61%, 66%, 45%
CMY	0.3919, 0.3370, 0.5449
CMYK	0.08, 0.00, 0.31, 0.34
HSL	76°, 24%, 56%
HSV	76°, 31%, 66%
XYZ	30.8813, 36.6320, 21.9817
YIQ	158.7720, 8.6690, -19.4510

Conversions

Conversions Part 2

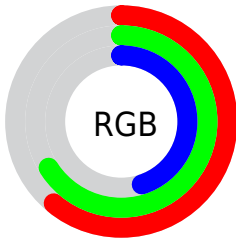
Format	Color
RYB	116, 169, 130
Decimal	10201460
CIELab	67.00, -14.02, 25.78
CIELCh	67, 29.345, 118.550
Yxy	36.6320, 0.3451, 0.4093
Android (android.graphics.Color)	4288391540 (0xFF9BA974)
YUV	158.7720, -21.0866, -3.3080
Hunter-Lab	60.5244, -14.8417, 20.8336

Details

The CIELCh color **67, 29.345, 118.550** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52, 31.317, 302.715**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 29.451, 118.333**, and **47, 29.433, 118.630** is the 20% darker color. If you saturate the color by 10%, you get **66, 38.385, 117.968**, and if you desaturate by 10%, it is **68, 20.083, 119.163**.

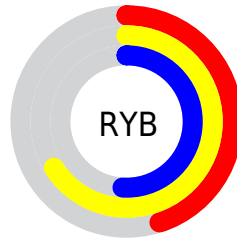
Distribution



Red (61%)

Green (66%)

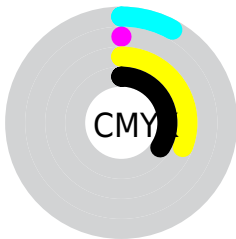
Blue (45%)



Red (45%)

Yellow (66%)

Blue (51%)

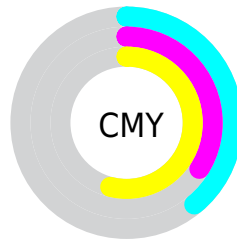


Cyan (8%)

Magenta (0%)

Yellow (31%)

Black (34%)



Cyan (39%)


Magenta (34%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 29.345, 118.550 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, 29.345, 118.550 by changing the saturation by 10% instead.

 67, 29.345,
118.550


 67, 29.345,
118.550


 100, 29.345,
118.550


 57, 29.345,
118.550


 87, 29.345,
118.550

 47, 29.345,
118.550

 97, 29.345,
118.550

 37, 29.345,
118.550

 27, 29.345,
118.550

 17, 29.345,
118.550

 7, 29.345, 118.550

 0, 29.345, 118.550

67, 29.345,
118.550

67, 29.345,
118.550

66, 38.385,
117.968

68, 20.083,
119.163

66, 47.042,
117.445

68, 10.700,
119.776

65, 55.086,
117.039

69, 1.268, 120.394

65, 62.190,
116.824

70, 8.162, 300.938

65, 67.948,
116.899

71, 17.555,
301.483

64, 71.978,
117.360

72, 26.886,
301.993

64, 74.301,
118.014

73, 36.135,
302.469

74, 45.289,
302.910

■ 74, 47.435,
304.334

Harmonies

Complementary

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



67, 29.345, 118.550



52, 31.317, 302.715

Rectangle

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



67, 29.345, 118.550



67, 29.345, 168.550



67, 29.345, 298.550



67, 29.345, 348.550

Sweetspot

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



67, 29.347, 118.552



87, 10.483, 119.909



58, 18.716, 44.366



46, 7.273, 119.824



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, 29.347, 118.552



84, 43.705, 118.120



65, 33.117, 135.746



35, 5.314, 119.901



56, 67.294, 117.869



6, 9.837, 123.126

Inverse Universe

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



52, 31.317, 302.715



62, 47.492, 303.377



54, 33.730, 318.627



33, 5.416, 301.023



18, 86.846, 308.039



1, 9.695, 299.044

Previews

White Background



This preview shows how the CIELCh color 67, 29.345, 118.550 looks on a white background.

Color Contrast Check

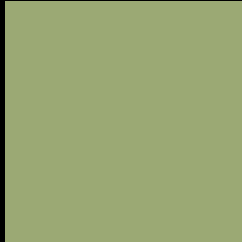
Large Text (above 18pt) WCAG AA × Fail

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, 29.345, 118.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

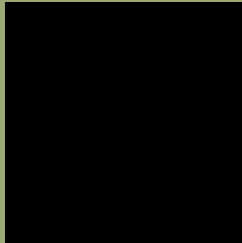
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 29.345, 118.550

Background



This preview shows how black text looks on a background with the CIELCh color 67, 29.345, 118.550.



This preview shows how white text looks on a background with the CIELCh color 67, 29.345, 118.550.

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, 29.345, 118.550

Protanopia
67, 27.859, 95.839

Deuteranopia
67, 26.042, 70.668



Tritanopia
67, 6.653, 294.049

Trichromacy



Original Color
67, 29.345, 118.550

Protanomaly
67, 27.786, 104.641

Deuteranomaly
67, 24.819, 89.795

Tritanomaly
67, 6.894, 125.776

Monochromacy



Original Color
67, 29.345, 118.550

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.202, 119.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 29.345, 118.550 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(155, 169, 116)` looks like.

```
.text, #text, p{  
    color:rgb(155, 169, 116)  
}
```

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(155, 169, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 169, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 29.345, 118.550 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(155, 169, 116) }
```

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

```
.border{ border-color:rgb(155, 169, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 169, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 169, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 169, 116);  
box-shadow:4px 4px 4px 4px rgb(155, 169,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 29.345, 118.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 169, 116) }
```

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

```
.background{ background-color: rgb(155,  
169, 116) }
```

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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