

Converting Colors

CIELCh(67, 27.842, 123.098)

Have a look what the booklet for
CIELCh(67, 27.842, 123.098)
contains.

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Color

CIELCh(67, 27.769, 123.598)

Conversions

Conversions Part 1

Format	Color
Hex	97AA79
RGB	151, 170, 121
RGB Percent	59%, 67%, 47%
CMY	0.4084, 0.3339, 0.5261
CMYK	0.11, 0.00, 0.29, 0.33
HSL	83°, 22%, 57%
HSV	83°, 29%, 67%
XYZ	30.5211, 36.6320, 23.5032
YIQ	158.7330, 4.4050, -19.2670

Conversions

Conversions Part 2

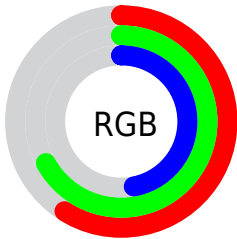
Format	Color
RYB	121, 170, 140
Decimal	9939577
CIELab	67.00, -15.37, 23.13
CIELCh	67, 27.769, 123.598
Yxy	36.6320, 0.3367, 0.4041
Android (android.graphics.Color)	4288129657 (0xFF97AA79)
YUV	158.7330, -18.6024, -6.7818
Hunter-Lab	60.5244, -15.9040, 19.3432

Details

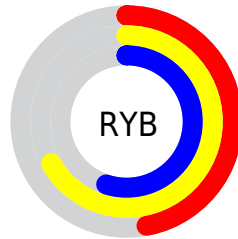
The CIELCh color **67, 27.769, 123.598** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54, 29.183, 306.685**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 27.399, 123.316**, and **47, 27.872, 124.118** is the 20% darker color. If you saturate the color by 10%, you get **66, 37.169, 123.094**, and if you desaturate by 10%, it is **68, 18.195, 124.119**.

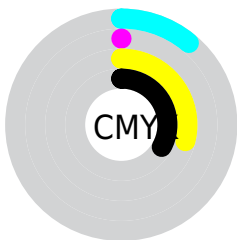
Distribution



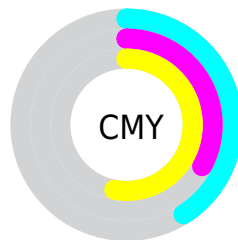
- Red (59%)
- Green (67%)
- Blue (47%)



- Red (47%)
- Yellow (67%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (33%)



- Cyan (41%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.769, 123.598 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, 27.769, 123.598 by changing the saturation by 10% instead.

 67, 27.769,
123.598

 67, 27.769,
123.598

 100, 27.769,
123.598

 57, 27.769,
123.598

 87, 27.769,
123.598

 47, 27.769,
123.598

 97, 27.769,
123.598

 37, 27.769,
123.598

 27, 27.769,
123.598

 17, 27.769,
123.598

 7, 27.769, 123.598

 0, 27.769, 123.598

67, 27.769,
123.598

67, 27.769,
123.598

66, 37.169,
123.094

68, 18.195,
124.119

66, 46.246,
122.637

69, 8.542, 124.633

65, 54.792,
122.280

70, 1.122, 305.049

64, 62.506,
122.104

71, 10.747,
305.565

64, 69.001,
122.213

72, 20.299,
305.994

63, 73.873,
122.724

73, 29.753,
306.388


63, 77.120,
123.639

74, 39.090,
306.749

63, 77.471,

75, 47.409,
307.304

123.742

 76, 47.869,
309.849

Harmonies

Complementary

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



67, 27.769, 123.598



54, 29.183, 306.685

Rectangle

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



67, 27.769, 123.598



67, 27.769, 173.598



67, 27.769, 303.598



67, 27.769, 353.598

Sweetspot

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



67, 27.771, 123.600



87, 10.799, 124.617



60, 16.686, 59.164



47, 7.566, 124.544



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 27.771, 123.600



85, 41.716, 123.254



65, 31.908, 139.590



35, 5.424, 124.611



55, 69.881, 123.560



5, 10.074, 127.860

Inverse Universe

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



54, 29.183, 306.685



65, 44.426, 307.138



57, 32.130, 322.588



33, 5.512, 305.519



20, 84.929, 309.838



1, 9.836, 303.063

Previews

White Background



This preview shows how the CIELCh color 67, 27.769, 123.598 looks on a white background.

Color Contrast Check

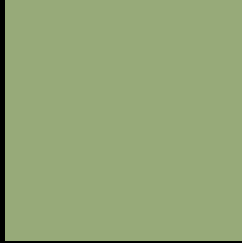
Large Text (above 18pt) WCAG AA × Fail

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, 27.769, 123.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

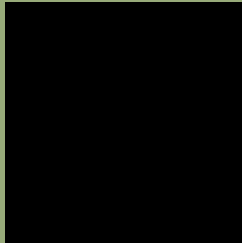
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.769, 123.598

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.769, 123.598.



This preview shows how white text looks on a background with the CIELCh color 67, 27.769, 123.598.

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](#).

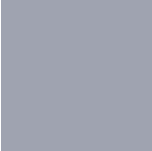
Dichromacy



Original Color
67, 27.769, 123.598

Protanopia
67, 25.130, 95.962

Deuteranopia
67, 23.236, 68.752



Tritanopia
67, 7.304, 279.392

Trichromacy



Original Color
67, 27.769, 123.598

Protanomaly
67, 25.090, 106.579

Deuteranomaly
67, 21.812, 91.226

Tritanomaly
67, 6.069, 144.174

Monochromacy



Original Color
67, 27.769, 123.598

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.315, 124.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.769, 123.598 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(151, 170, 121)` looks like.

```
.text, #text, p{  
    color:rgb(151, 170, 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(151, 170, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 170, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.769, 123.598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

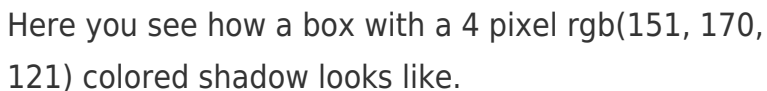
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 170, 121) }
```

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

```
.border{ border-color:rgb(151, 170, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 170, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 170, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 170, 121); box-shadow:4px 4px 4px 4px rgb(151, 170, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.769, 123.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 170, 121) }
```

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

```
.background{ background-color: rgb(151,  
170, 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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