

Converting Colors

CIELCh(69, 26.463, 127.885)

Have a look what the booklet for
CIELCh(69, 26.463, 127.885)
contains.

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Color

CIELCh(69, 26.607, 127.879)

Conversions

Conversions Part 1

Format	Color
Hex	99B082
RGB	153, 176, 130
RGB Percent	60%, 69%, 51%
CMY	0.4007, 0.3105, 0.4908
CMYK	0.13, 0.00, 0.26, 0.31
HSL	90°, 23%, 60%
HSV	90°, 26%, 69%
XYZ	32.6131, 39.3444, 26.9356
YIQ	163.8790, 1.0580, -19.1820

Conversions

Conversions Part 2

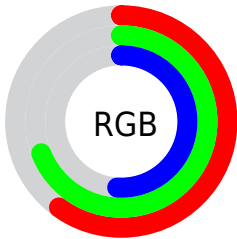
Format	Color
RYB	130, 176, 153
Decimal	10072194
CIELab	69.00, -16.34, 21.00
CIELCh	69, 26.607, 127.879
Yxy	39.3444, 0.3298, 0.3978
Android (android.graphics.Color)	4288262274 (0xFF99B082)
YUV	163.8790, -16.7023, -9.5409
Hunter-Lab	62.7251, -16.9603, 18.4471

Details

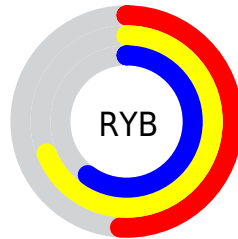
The CIELCh color $69, 26.607, 127.879$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 27.575, 310.308$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 26.869, 127.737$, and $49, 26.558, 127.919$ is the 20% darker color. If you saturate the color by 10%, you get $68, 36.633, 127.400$, and if you desaturate by 10%, it is $70, 16.451, 128.359$.

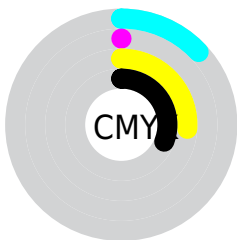
Distribution



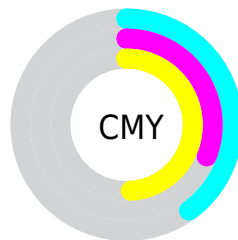
- Red (60%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (31%)





- Cyan (40%)
- Magenta (31%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 26.607, 127.879 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 69, 26.607, 127.879 by changing the saturation by 10% instead.

 69, 26.607,
127.879


 69, 26.607,
127.879


 100, 26.607,
127.879


 59, 26.607,
127.879


 89, 26.607,
127.879

 49, 26.607,
127.879

 99, 26.607,
127.879

 39, 26.607,
127.879

 29, 26.607,
127.879

 19, 26.607,
127.879

 9, 26.607, 127.879

 0, 26.607, 127.879

69, 26.607,
127.879

69, 26.607,
127.879

68, 36.633,
127.400

70, 16.451,
128.359

67, 46.382,
126.946

71, 6.256, 128.824

67, 55.654,
126.567

72, 3.905, 309.203

66, 64.160,
126.337

73, 13.984,
309.612

65, 71.518,
126.361

75, 23.945,
309.968

65, 77.298,
126.764

76, 33.765,
310.288


64, 81.226,
127.629

78, 43.426,
310.574

64, 82.499,

78, 45.284,
313.806

127.988

 79, 46.257,
317.362

Harmonies

Complementary

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



69, 26.607, 127.879



58, 27.575, 310.308

Rectangle

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



69, 26.607, 127.879



69, 26.607, 177.879



69, 26.607, 307.879



69, 26.607, 357.879

Sweetspot

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



69, 26.609, 127.881



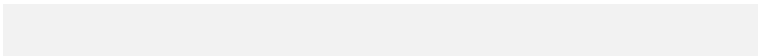
90, 10.100, 128.732



65, 15.995, 72.213



48, 7.174, 128.663



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 26.609, 127.881



87, 39.092, 127.621



68, 30.913, 142.701



36, 5.693, 128.678



56, 73.406, 127.782



6, 12.301, 132.154

Inverse Universe

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



58, 27.575, 310.308



71, 40.838, 310.593



60, 30.921, 325.842



34, 5.769, 309.470



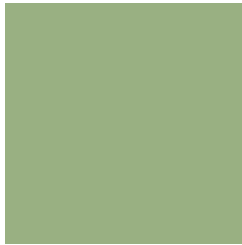
23, 84.034, 312.081



1, 11.831, 305.863

Previews

White Background



This preview shows how the CIELCh color 69, 26.607, 127.879 looks on a white background.

Color Contrast Check

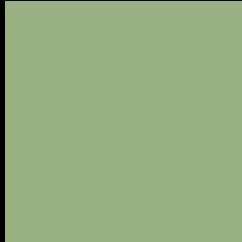
Large Text (above 18pt) WCAG AA × Fail

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 69, 26.607, 127.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

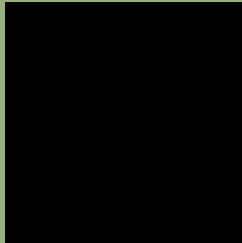
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 26.607, 127.879

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.607, 127.879.



This preview shows how white text looks on a background with the CIELCh color 69, 26.607, 127.879.

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](#).

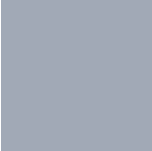
Dichromacy



Original Color
69, 26.607, 127.879

Protanopia
69, 23.414, 95.502

Deuteranopia
69, 21.350, 65.548



Tritanopia
69, 7.644, 268.703

Trichromacy



Original Color
69, 26.607, 127.879

Protanomaly
69, 23.874, 108.713

Deuteranomaly
68, 19.473, 91.015

Tritanomaly
69, 6.622, 157.410

Monochromacy



Original Color
69, 26.607, 127.879

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 9.333, 128.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.607, 127.879 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(153, 176, 130)` looks like.

```
.text, #text, p{  
    color:rgb(153, 176, 130)  
}
```

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(153, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 176, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.607, 127.879 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(153, 176, 130) }
```

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

```
.border{ border-color:rgb(153, 176, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 176, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(153, 176,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.607, 127.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 176, 130) }
```

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

```
.background{ background-color: rgb(153,  
176, 130) }
```

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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