

Converting Colors

CIELCh(68, 22.183, 131.542)

Have a look what the booklet for
CIELCh(68, 22.183, 131.542)
contains.

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Color

CIELCh(68, 22.679, 131.702)

Conversions

Conversions Part 1

Format	Color
Hex	96AD87
RGB	150, 173, 135
RGB Percent	59%, 68%, 53%
CMY	0.4129, 0.3227, 0.4717
CMYK	0.13, 0.00, 0.22, 0.32
HSL	96°, 19%, 60%
HSV	96°, 22%, 68%
XYZ	31.7649, 37.9720, 28.4729
YIQ	161.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

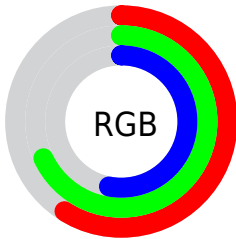
Format	Color
RYB	135, 173, 158
Decimal	9874823
CIELab	68.00, -15.09, 16.93
CIElCh	68, 22.679, 131.702
Yxy	37.9720, 0.3234, 0.3866
Android (android.graphics.Color)	4288064903 (0xFF96AD87)
YUV	161.7910, -13.2080, -10.3407
Hunter-Lab	61.6215, -15.8235, 15.7394

Details

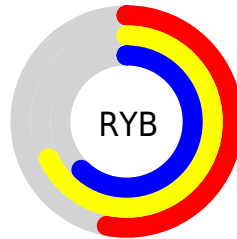
The CIELCh color **68, 22.679, 131.702** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 23.197, 313.597**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 22.635, 131.720**, and **48, 22.953, 131.561** is the 20% darker color. If you saturate the color by 10%, you get **67, 32.939, 131.215**, and if you desaturate by 10%, it is **69, 12.351, 132.169**.

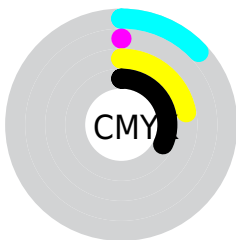
Distribution



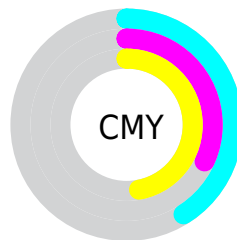
- Red (59%)
- Green (68%)
- Blue (53%)



- Red (53%)
- Yellow (68%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (32%)





- Cyan (41%)
- Magenta (32%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 22.679, 131.702 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 68, 22.679, 131.702 by changing the saturation by 10% instead.


 68, 22.679,
131.702


 68, 22.679,
131.702


 100, 22.679,
131.702


 58, 22.679,
131.702


 88, 22.679,
131.702

 48, 22.679,
131.702

 98, 22.679,
131.702

 38, 22.679,
131.702

 28, 22.679,
131.702

 18, 22.679,
131.702

 8, 22.679, 131.702

 0, 22.679, 131.702

68, 22.679,
131.702

68, 22.679,
131.702

67, 32.939,
131.215

69, 12.351,
132.169

66, 42.996,
130.723

70, 2.041, 132.649

65, 52.673,
130.263

72, 8.184, 312.949

64, 61.712,
129.897

73, 18.279,
313.301

64, 69.766,
129.716

75, 28.211,
313.608

63, 76.410,
129.841

76, 37.959,
313.876

63, 81.252,
130.388

78, 47.211,
314.249

63, 84.040,

79, 48.377,
318.293

131.028

■ 80, 49.755,
322.200

Harmonies

Complementary

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



68, 22.679, 131.702



59, 23.197, 313.597

Rectangle

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



68, 22.679, 131.702



68, 22.679, 181.702



68, 22.679, 311.702



68, 22.679, 1.702

Sweetspot

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



68, 22.681, 131.704



88, 8.901, 132.388



66, 14.058, 82.606



47, 5.778, 132.363



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 22.681, 131.704



86, 33.162, 131.488



67, 23.908, 145.815



36, 5.842, 132.290



55, 75.782, 130.859



6, 12.582, 135.038

Inverse Universe

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



59, 23.197, 313.597



73, 34.077, 313.800



61, 23.947, 328.523



34, 5.904, 313.031



25, 82.201, 314.730



1, 12.074, 309.397

Previews

White Background



This preview shows how the CIELCh color 68, 22.679, 131.702 looks on a white background.

Color Contrast Check

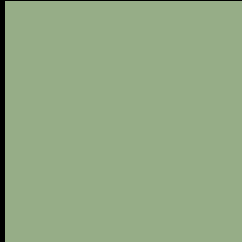
Large Text (above 18pt) WCAG AA × Fail

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 68, 22.679, 131.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

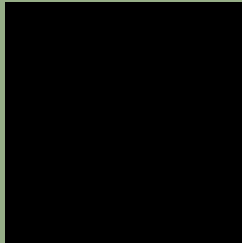
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 22.679, 131.702

Background



This preview shows how black text looks on a background with the CIELCh color 68, 22.679, 131.702.



This preview shows how white text looks on a background with the CIELCh color 68, 22.679, 131.702.

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
68, 22.679, 131.702

Protanopia
68, 19.153, 94.556

Deuteranopia
68, 17.633, 60.688



Tritanopia
68, 7.941, 263.905

Trichromacy



Original Color
68, 22.679, 131.702

Protanomaly
68, 19.658, 110.509

Deuteranomaly
68, 15.597, 90.373

Tritanomaly
68, 6.287, 172.958

Monochromacy



Original Color
68, 22.679, 131.702

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.324, 131.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 22.679, 131.702 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(150, 173, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 173, 135)  
}
```

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(150, 173, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 173, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 22.679, 131.702 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(150, 173, 135) }
```

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

```
.border{ border-color:rgb(150, 173, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 173, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 173, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 173, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 173,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 22.679, 131.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 173, 135) }
```

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

```
.background{ background-color: rgb(150,  
173, 135) }
```

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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