

Converting Colors

CIELCh(68, 28.677, 149.489)

Have a look what the booklet for
CIELCh(68, 28.677, 149.489)
contains.

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Color

CIELCh(68, 28.291, 149.831)

Conversions

Conversions Part 1

Format	Color
Hex	7FB18B
RGB	127, 177, 139
RGB Percent	50%, 69%, 55%
CMY	0.5008, 0.3047, 0.4538
CMYK	0.28, 0.00, 0.21, 0.30
HSL	134°, 24%, 60%
HSV	134°, 28%, 70%
XYZ	29.2600, 37.9720, 30.3248
YIQ	157.7180, -17.6020, -22.4180

Conversions

Conversions Part 2

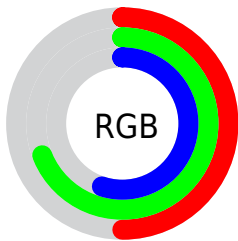
Format	Color
RYB	127, 167, 177
Decimal	8368523
CIELab	68.00, -24.46, 14.22
CIELCh	68, 28.291, 149.831
Yxy	37.9720, 0.2999, 0.3892
Android (android.graphics.Color)	4286558603 (0xFF7FB18B)
YUV	157.7180, -9.2280, -26.9397
Hunter-Lab	61.6215, -23.0795, 13.9575

Details

The CIELCh color **68, 28.291, 149.831** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 28.472, 333.824**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 28.153, 149.995**, and **48, 28.196, 150.020** is the 20% darker color. If you saturate the color by 10%, you get **67, 38.146, 148.835**, and if you desaturate by 10%, it is **69, 18.259, 150.696**.

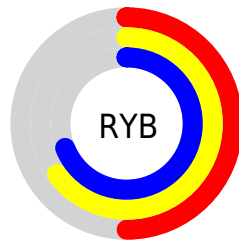
Distribution



Red (50%)

Green (69%)

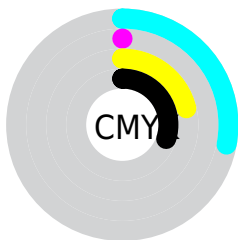
Blue (55%)



Red (50%)

Yellow (65%)

Blue (69%)

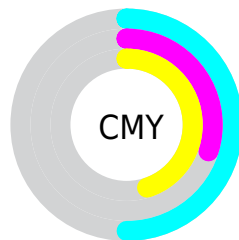


Cyan (28%)

Magenta (0%)

Yellow (21%)

Black (30%)



Cyan (50%)


Magenta (30%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 28.291, 149.831 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, 28.291, 149.831 by changing the saturation by 10% instead.


 68, 28.291,
149.831


 68, 28.291,
149.831


 100, 28.291,
149.831


 58, 28.291,
149.831


 88, 28.291,
149.831

 48, 28.291,
149.831

 98, 28.291,
149.831

 38, 28.291,
149.831

 28, 28.291,
149.831

 18, 28.291,
149.831

 8, 28.291, 149.831

 0, 28.291, 149.831

■ 68, 28.291,
149.831

■ 68, 28.291,
149.831

■ 67, 38.146,
148.835

■ 69, 18.259,
150.696

■ 66, 47.643,
147.687

■ 71, 8.194, 151.460

■ 65, 56.585,
146.375

■ 73, 1.786, 331.908

■ 64, 64.768,
144.895

■ 74, 11.594,
332.613

■ 64, 71.997,
143.263

■ 76, 21.171,
333.122

■ 63, 78.110,
141.527

■ 79, 30.479,
333.566


■ 63, 83.033,
139.808

■ 81, 39.495,
333.961

■ 63, 83.819,

■ 82, 45.404,
329.112

139.539

 82, 48.627,
326.105

Harmonies

Complementary

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



68, 28.291, 149.831



59, 28.472, 333.824

Rectangle

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



68, 28.291, 149.831



68, 28.291, 199.831



68, 28.291, 329.831



68, 28.291, 19.831

Sweetspot

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



68, 28.292, 149.831



89, 9.851, 151.466



70, 27.373, 117.471



47, 7.000, 151.357



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 28.292, 149.831



85, 41.963, 149.213



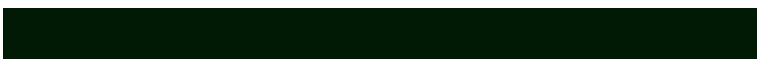
69, 19.478, 175.617



37, 5.689, 151.378



55, 74.794, 139.761



7, 14.288, 150.022

Inverse Universe

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



59, 28.472, 333.824



72, 42.231, 334.284



59, 21.368, 1.363



35, 5.711, 332.524



34, 65.817, 340.458



2, 12.851, 335.608

Previews

White Background



This preview shows how the CIELCh color 68, 28.291, 149.831 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, 28.291, 149.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

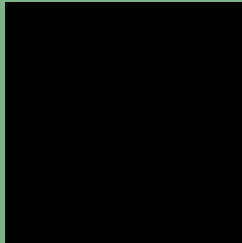
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

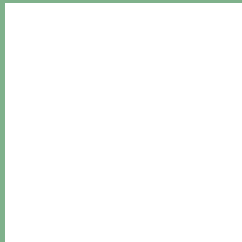
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 28.291, 149.831

Background



This preview shows how black text looks on a background with the CIELCh color 68, 28.291, 149.831.

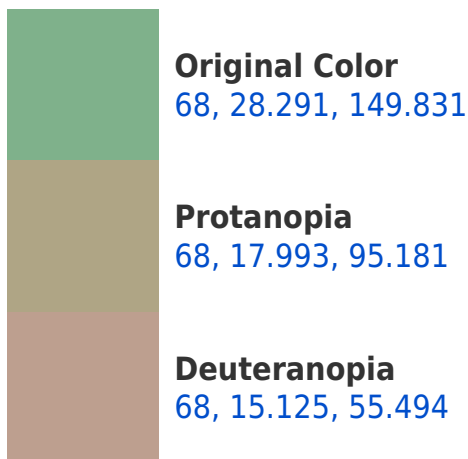


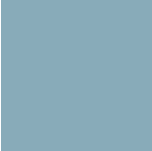
This preview shows how white text looks on a background with the CIELCh color 68, 28.291, 149.831.

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





Tritanopia
68, 14.045, 232.096

Trichromacy



Original Color
68, 28.291, 149.831

Protanomaly
68, 19.106, 121.583

Deuteranomaly
68, 13.153, 107.067

Tritanomaly
68, 14.635, 187.289

Monochromacy



Original Color
68, 28.291, 149.831

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.421, 150.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 28.291, 149.831 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(127, 177, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 177, 139)  
}
```

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(127, 177, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 177, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 28.291, 149.831 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(127, 177, 139) }
```

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

```
.border{ border-color:rgb(127, 177, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 177, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 177, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 177, 139);  
box-shadow:4px 4px 4px 4px rgb(127, 177,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 28.291, 149.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 177, 139) }
```

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

```
.background{ background-color: rgb(127,  
177, 139) }
```

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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