

Converting Colors

CIELCh(68, 29.204, 151.732)

Have a look what the booklet for
CIELCh(68, 29.204, 151.732)
contains.

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Color

CIELCh(68, 29.233, 151.717)

Conversions

Conversions Part 1

Format	Color
Hex	7CB28C
RGB	124, 178, 140
RGB Percent	49%, 70%, 55%
CMY	0.5141, 0.3023, 0.4513
CMYK	0.30, 0.00, 0.21, 0.30
HSL	138°, 26%, 59%
HSV	138°, 30%, 70%
XYZ	28.9274, 37.9720, 30.5807
YIQ	157.5220, -19.9860, -23.2660

Conversions

Conversions Part 2

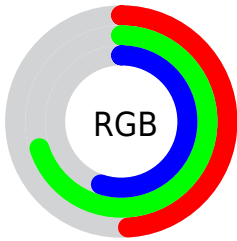
Format	Color
RYB	124, 166, 178
Decimal	8172172
CIELab	68.00, -25.74, 13.85
CIElCh	68, 29.233, 151.717
Yxy	37.9720, 0.2968, 0.3895
Android (android.graphics.Color)	4286362252 (0xFF7CB28C)
YUV	157.5220, -8.6383, -29.3988
Hunter-Lab	61.6215, -24.0431, 13.7114

Details

The CIELCh color **68, 29.233, 151.717** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 29.540, 336.297**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 29.074, 151.874**, and **48, 29.137, 151.851** is the 20% darker color. If you saturate the color by 10%, you get **67, 38.625, 150.661**, and if you desaturate by 10%, it is **69, 19.629, 152.637**.

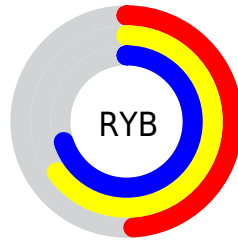
Distribution



Red (49%)

Green (70%)

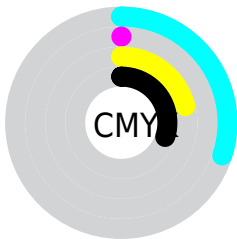
Blue (55%)



Red (49%)

Yellow (65%)

Blue (70%)

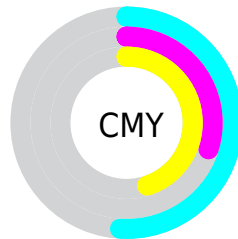


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (30%)



Cyan (51%)

Magenta (30%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 29.233, 151.717 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, 29.233, 151.717 by changing the saturation by 10% instead.


 68, 29.233,
151.717


 68, 29.233,
151.717


 100, 29.233,
151.717


 58, 29.233,
151.717


 88, 29.233,
151.717

 48, 29.233,
151.717

 98, 29.233,
151.717

 38, 29.233,
151.717

 28, 29.233,
151.717

 18, 29.233,
151.717

 8, 29.233, 151.717

 0, 29.233, 151.717

■ 68, 29.233,
151.717

■ 68, 29.233,
151.717

■ 67, 38.625,
150.661

■ 69, 19.629,
152.637

■ 66, 47.632,
149.449

■ 71, 9.955, 153.449

■ 65, 56.074,
148.063

■ 72, 0.330, 155.053

■ 74, 9.157, 334.696

■ 64, 63.773,
146.495

■ 76, 18.443,
335.258

■ 64, 70.575,
144.755

■ 78, 27.483,
335.750

■ 64, 76.370,
142.882

■ 80, 36.253,
336.190

■ 63, 81.045,
141.092

■ 81, 42.292,
332.261

■ 82, 47.254,
326.972

Harmonies

Complementary

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



68, 29.233, 151.717



58, 29.540, 336.297

Rectangle

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



68, 29.233, 151.717



68, 29.233, 201.717



68, 29.233, 331.717



68, 29.233, 21.717

Sweetspot

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



68, 29.234, 151.717



90, 10.735, 153.541



70, 29.724, 119.387



48, 7.525, 153.430



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 29.234, 151.717



86, 42.892, 151.072



69, 20.264, 179.156



37, 5.458, 153.528



55, 72.094, 141.344



7, 13.848, 151.560

Inverse Universe

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



58, 29.540, 336.297



72, 43.364, 336.802



58, 22.813, 5.343



35, 5.485, 334.730



34, 63.366, 344.302



2, 12.241, 338.584

Previews

White Background



This preview shows how the CIELCh color 68, 29.233, 151.717 looks on a white background.

Color Contrast Check

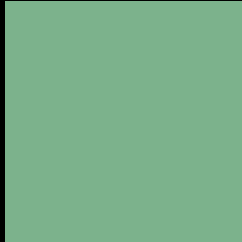
Large Text (above 18pt) WCAG AA × Fail

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, 29.233, 151.717 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, 29.233, 151.717

Background



This preview shows how black text looks on a background with the CIELCh color 68, 29.233, 151.717.



This preview shows how white text looks on a background with the CIELCh color 68, 29.233, 151.717.

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, 29.233, 151.717

Protanopia
68, 17.461, 94.857

Deuteranopia
68, 14.783, 53.876



Tritanopia
68, 14.882, 227.406

Trichromacy



Original Color
68, 29.233, 151.717

Protanomaly
68, 19.415, 124.959

Deuteranomaly
67, 12.615, 110.669

Tritanomaly
68, 15.915, 188.070

Monochromacy



Original Color
68, 29.233, 151.717

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.941, 153.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 29.233, 151.717 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(124, 178, 140)` looks like.

```
.text, #text, p{  
    color:rgb(124, 178, 140)  
}
```

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(124, 178, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 178, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 29.233, 151.717 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(124, 178, 140) }
```

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

```
.border{ border-color:rgb(124, 178, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 178, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 178, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 178, 140);  
box-shadow:4px 4px 4px 4px rgb(124, 178,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 29.233, 151.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 178, 140) }
```

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

```
.background{ background-color: rgb(124,  
178, 140) }
```

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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