

Converting Colors

CIELCh(68, 24.365, 126.714)

Have a look what the booklet for
CIELCh(68, 24.365, 126.714)
contains.

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Color

CIELCh(68, 24.128, 126.242)

Conversions

Conversions Part 1

Format	Color
Hex	99AC82
RGB	153, 172, 130
RGB Percent	60%, 67%, 51%
CMY	0.3994, 0.3248, 0.4896
CMYK	0.11, 0.00, 0.24, 0.32
HSL	87°, 20%, 59%
HSV	87°, 24%, 68%
XYZ	31.9915, 37.9720, 26.8180
YIQ	161.5310, 2.1580, -17.0900

Conversions

Conversions Part 2

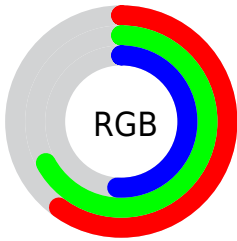
Format	Color
RYB	130, 172, 149
Decimal	10071170
CIELab	68.00, -14.26, 19.46
CIELCh	68, 24.128, 126.242
Yxy	37.9720, 0.3306, 0.3923
Android (android.graphics.Color)	4288261250 (0xFF99AC82)
YUV	161.5310, -15.5448, -7.4817
Hunter-Lab	61.6215, -15.1673, 17.3316

Details

The CIELCh color $68, 24.128, 126.242$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $57, 25.031, 308.606$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 23.910, 125.716$, and $48, 24.455, 125.768$ is the 20% darker color. If you saturate the color by 10%, you get $67, 33.887, 125.754$, and if you desaturate by 10%, it is $69, 14.253, 126.732$.

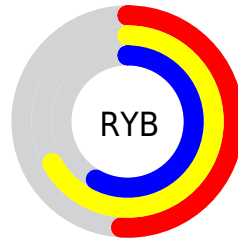
Distribution



Red (60%)

Green (67%)

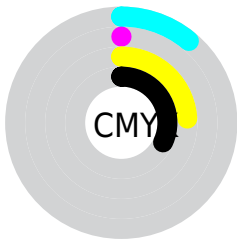
Blue (51%)



Red (51%)

Yellow (67%)

Blue (58%)

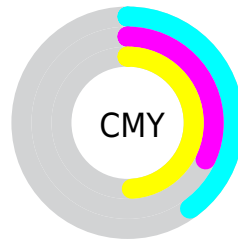


Cyan (11%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 24.128, 126.242 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, 24.128, 126.242 by changing the saturation by 10% instead.

 68, 24.128,
126.242

 68, 24.128,
126.242

 100, 24.128,
126.242

 58, 24.128,
126.242


 88, 24.128,
126.242

 48, 24.128,
126.242

 98, 24.128,
126.242

 38, 24.128,
126.242

 28, 24.128,
126.242

 18, 24.128,
126.242

 8, 24.128, 126.242

 0, 24.128, 126.242

68, 24.128,
126.242

68, 24.128,
126.242

67, 33.887,
125.754

69, 14.253,
126.732

66, 43.399,
125.290

70, 4.345, 127.213

66, 52.482,
124.895

71, 5.534, 307.614

65, 60.874,
124.639

72, 15.339,
308.029

64, 68.217,
124.619

73, 25.039,
308.402

64, 74.092,
124.956

75, 34.612,
308.740

64, 78.161,
125.756

76, 44.041,
309.044

63, 79.951,

77, 46.853,
311.430

126.296

 78, 47.587,
314.485

Harmonies

Complementary

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



68, 24.128, 126.242



57, 25.031, 308.606

Rectangle

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



68, 24.128, 126.242



68, 24.128, 176.242



68, 24.128, 306.242



68, 24.128, 356.242

Sweetspot

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



68, 24.130, 126.244



88, 8.585, 127.081



63, 14.283, 67.045



47, 5.572, 127.054



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, 24.130, 126.244



86, 35.519, 125.992



67, 27.890, 141.616



36, 5.633, 126.977



56, 72.283, 126.116



6, 12.174, 130.682

Inverse Universe

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



57, 25.031, 308.606



70, 37.157, 308.896



59, 27.965, 324.326



34, 5.716, 307.811



22, 84.884, 311.049



1, 11.744, 304.368

Previews

White Background



This preview shows how the CIELCh color 68, 24.128, 126.242 looks on a white background.

Color Contrast Check

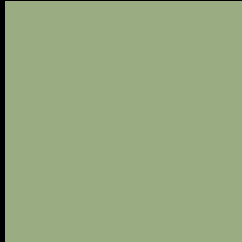
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 24.128, 126.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

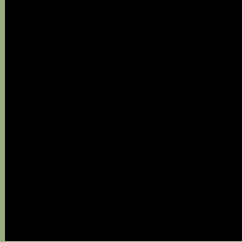
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 24.128, 126.242

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.128, 126.242.

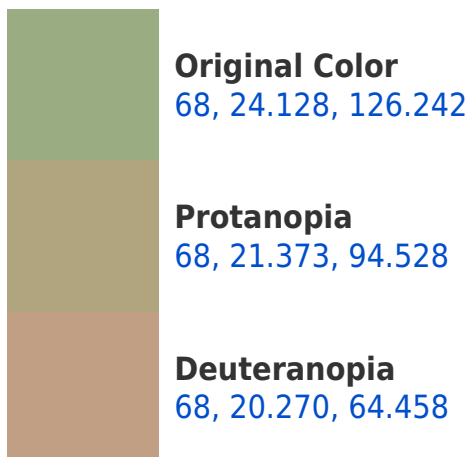


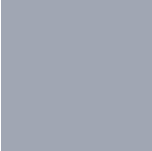
This preview shows how white text looks on a background with the CIELCh color 68, 24.128, 126.242.

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, 7.443, 273.898

Trichromacy



Original Color
68, 24.128, 126.242

Protanomaly
68, 21.792, 107.913

Deuteranomaly
68, 18.611, 88.943

Tritanomaly
68, 5.433, 153.939

Monochromacy



Original Color
68, 24.128, 126.242

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.226, 126.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.128, 126.242 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, 172, 130)` looks like.

```
.text, #text, p{  
    color:rgb(153, 172, 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, 172, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 172, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.128, 126.242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

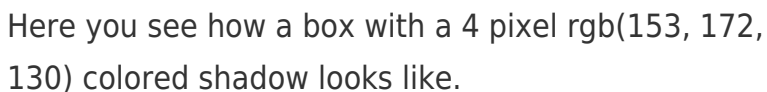
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 172, 130) }
```

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

```
.border{ border-color:rgb(153, 172, 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, 172, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 172, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 172, 130);  
box-shadow:4px 4px 4px 4px rgb(153, 172,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.128, 126.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 172, 130) }
```

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

```
.background{ background-color: rgb(153,  
172, 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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