

Converting Colors

CIELCh(68, 24.376, 124.909)

Have a look what the booklet for
CIELCh(68, 24.376, 124.909)
contains.

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Color

CIELCh(68, 24.511, 124.961)

Conversions

Conversions Part 1

Format	Color
Hex	9AAC81
RGB	154, 172, 129
RGB Percent	60%, 67%, 51%
CMY	0.3960, 0.3254, 0.4940
CMYK	0.10, 0.00, 0.25, 0.33
HSL	85°, 21%, 59%
HSV	85°, 25%, 67%
XYZ	32.0520, 37.9720, 26.4171
YIQ	161.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

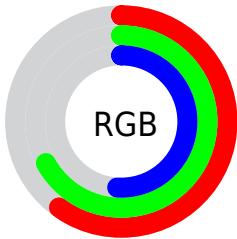
Format	Color
RYB	129, 172, 147
Decimal	10136705
CIELab	68.00, -14.05, 20.09
CIElCh	68, 24.511, 124.961
Yxy	37.9720, 0.3323, 0.3937
Android (android.graphics.Color)	4288326785 (0xFF9AAC81)
YUV	161.7160, -16.1290, -6.7669
Hunter-Lab	61.6215, -14.9920, 17.7174

Details

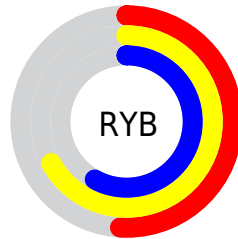
The CIELCh color **68, 24.511, 124.961** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 25.518, 307.493**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 24.286, 124.507**, and **48, 24.991, 125.321** is the 20% darker color. If you saturate the color by 10%, you get **67, 34.166, 124.463**, and if you desaturate by 10%, it is **69, 14.728, 125.466**.

Distribution



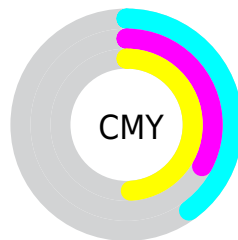
- Red (60%)
- Green (67%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 24.511, 124.961 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, 24.511, 124.961 by changing the saturation by 10% instead.

 68, 24.511,
124.961


 68, 24.511,
124.961


 100, 24.511,
124.961


 58, 24.511,
124.961


 88, 24.511,
124.961

 48, 24.511,
124.961

 98, 24.511,
124.961

 38, 24.511,
124.961

 28, 24.511,
124.961

 18, 24.511,
124.961

 8, 24.511, 124.961

 0, 24.511, 124.961

■ 68, 24.511,
124.961

■ 68, 24.511,
124.961

■ 67, 34.166,
124.463

■ 69, 14.728,
125.466

■ 66, 43.562,
123.993

■ 70, 4.899, 125.962

■ 66, 52.513,
123.599

■ 71, 4.911, 306.387

■ 65, 60.754,
123.352

■ 72, 14.659,
306.824

■ 65, 67.920,
123.348

■ 73, 24.314,
307.219

■ 64, 73.595,
123.707

■ 74, 33.853,
307.579


■ 64, 77.459,
124.529

■ 76, 43.259,
307.906

■ 64, 79.015,

■ 76, 46.626,
309.943

125.009

 77, 47.244,
312.783

Harmonies

Complementary

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



68, 24.511, 124.961



57, 25.518, 307.493

Rectangle

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



68, 24.511, 124.961



68, 24.511, 174.961



68, 24.511, 304.961



68, 24.511, 354.961

Sweetspot

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



68, 24.513, 124.963



88, 8.525, 125.855



63, 14.505, 63.271



47, 5.533, 125.828



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, 24.513, 124.963



86, 36.442, 124.684



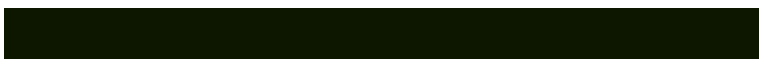
67, 28.248, 140.723



36, 5.593, 125.748



56, 71.489, 124.832



6, 12.084, 129.567

Inverse Universe

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



57, 25.518, 307.493



69, 38.312, 307.829



59, 28.373, 323.391



34, 5.681, 306.620



21, 85.479, 310.383



1, 11.691, 303.349

Previews

White Background



This preview shows how the CIELCh color 68, 24.511, 124.961 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, 24.511, 124.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

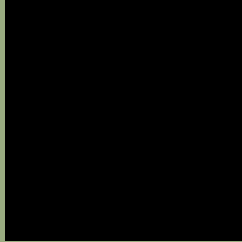
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

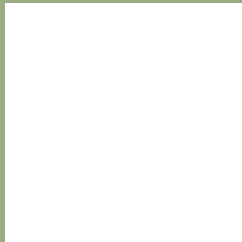
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 24.511, 124.961

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.511, 124.961.



This preview shows how white text looks on a background with the CIELCh color 68, 24.511, 124.961.

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](#).

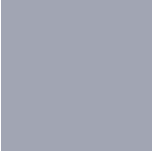
Dichromacy



Original Color
68, 24.511, 124.961

Protanopia
68, 21.902, 94.778

Deuteranopia
68, 20.688, 65.413



Tritanopia
68, 7.827, 280.268

Trichromacy



Original Color
68, 24.511, 124.961

Protanomaly
68, 22.332, 106.802

Deuteranomaly
68, 19.130, 89.395

Tritanomaly
68, 5.433, 153.939

Monochromacy



Original Color
68, 24.511, 124.961

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, 24.511, 124.961 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(154, 172, 129)` looks like.

```
.text, #text, p{  
    color:rgb(154, 172, 129)  
}
```

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(154, 172, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 172, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.511, 124.961 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(154, 172, 129) }
```

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

```
.border{ border-color:rgb(154, 172, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 172, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 172, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 172, 129);  
box-shadow:4px 4px 4px 4px rgb(154, 172,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.511, 124.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 172, 129) }
```

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

```
.background{ background-color: rgb(154,  
172, 129) }
```

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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