

Converting Colors

CIELCh(69, 24.804, 109.094)

Have a look what the booklet for
CIELCh(69, 24.804, 109.094)
contains.

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Color

CIELCh(69, 24.409, 108.637)

Conversions

Conversions Part 1

Format	Color
Hex	AAAB7E
RGB	170, 171, 126
RGB Percent	67%, 67%, 49%
CMY	0.3321, 0.3281, 0.5047
CMYK	0.01, 0.00, 0.26, 0.33
HSL	61°, 21%, 58%
HSV	61°, 26%, 67%
XYZ	35.0576, 39.3444, 25.5891
YIQ	165.5710, 13.8490, -14.2070

Conversions

Conversions Part 2

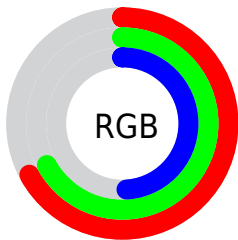
Format	Color
RYB	126, 171, 127
Decimal	11185022
CIELab	69.00, -7.80, 23.13
CIElCh	69, 24.409, 108.637
Yxy	39.3444, 0.3506, 0.3935
Android (android.graphics.Color)	4289375102 (0xFFAAAB7E)
YUV	165.5710, -19.5085, 3.8842
Hunter-Lab	62.7251, -10.0037, 19.7198

Details

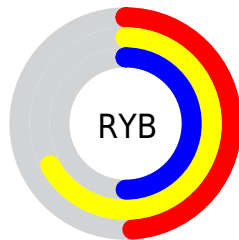
The CIELCh color **69, 24.409, 108.637** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 25.959, 294.004**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 24.257, 108.160**, and **49, 24.216, 109.053** is the 20% darker color. If you saturate the color by 10%, you get **69, 33.450, 107.734**, and if you desaturate by 10%, it is **69, 15.187, 109.561**.

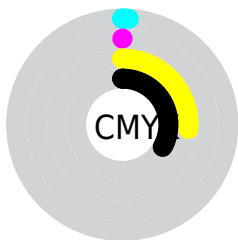
Distribution



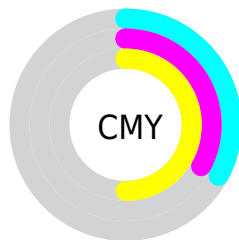
- Red (67%)
- Green (67%)
- Blue (49%)



- Red (49%)
- Yellow (67%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.409, 108.637 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 69, 24.409, 108.637 by changing the saturation by 10% instead.

 69, 24.409,
108.637

 69, 24.409,
108.637

 100, 24.409,
108.637

 59, 24.409,
108.637

 89, 24.409,
108.637

 49, 24.409,
108.637

 99, 24.409,
108.637

 39, 24.409,
108.637

 29, 24.409,
108.637

 19, 24.409,
108.637

 9, 24.409, 108.637

 0, 24.409, 108.637

69, 24.409,
108.637

69, 24.409,
108.637

69, 33.450,
107.734

69, 15.187,
109.561

68, 42.173,
106.863

70, 5.866, 110.475

68, 50.378,
106.057

70, 3.498, 291.402

68, 57.771,
105.352

71, 12.866,
292.271

68, 63.958,
104.792

71, 22.213,
293.117

68, 68.510,
104.420

72, 31.520,
293.927

68, 71.182,
104.259

73, 40.773,
294.698

68, 71.967,

73, 45.482,
295.147

104.222

■ 73, 45.484,
295.291

Harmonies

Complementary

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



69, 24.409, 108.637



55, 25.959, 294.004

Rectangle

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



69, 24.409, 108.637



69, 24.409, 158.637



69, 24.409, 288.637



69, 24.409, 338.637

Sweetspot

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



69, 24.410, 108.641



88, 9.226, 110.307



57, 18.438, 22.687



47, 6.609, 110.173



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 24.410, 108.641



87, 36.526, 108.068



67, 26.279, 128.465



37, 5.343, 110.200



60, 65.405, 104.207



7, 11.351, 111.468

Inverse Universe

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



55, 25.959, 294.004



65, 39.526, 294.910



56, 27.199, 310.865



33, 5.459, 291.965



17, 90.147, 306.371



1, 11.350, 290.892

Previews

White Background



This preview shows how the CIELCh color 69, 24.409, 108.637 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 69, 24.409, 108.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

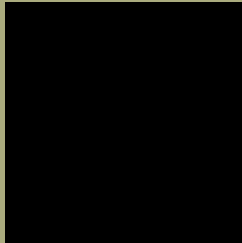
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.409, 108.637

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.409, 108.637.



This preview shows how white text looks on a background with the CIELCh color 69, 24.409, 108.637.

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

69, 24.409, 108.637

Protanopia

69, 23.942, 95.700

Deuteranopia

69, 24.085, 68.059



Tritanopia
69, 8.471, 322.692

Trichromacy



Original Color
69, 24.409, 108.637

Protanomaly
69, 24.090, 100.779

Deuteranomaly
69, 22.964, 83.253

Tritanomaly
69, 5.352, 74.262

Monochromacy



Original Color
69, 24.409, 108.637

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.756, 109.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.409, 108.637 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(170, 171, 126)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 126)  
}
```

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(170, 171, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.409, 108.637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

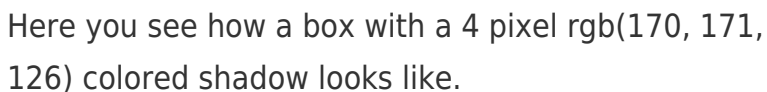
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 171, 126) }
```

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

```
.border{ border-color:rgb(170, 171, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 171, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 126);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.409, 108.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 171, 126) }
```

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

```
.background{ background-color: rgb(170,  
171, 126) }
```

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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