

Converting Colors

CIELCh(69, 23.639, 99.674)

Have a look what the booklet for
CIELCh(69, 23.639, 99.674) contains.

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Color

CIELCh(69, 23.613, 99.686)

Conversions

Conversions Part 1

Format	Color
Hex	B1A97E
RGB	177, 169, 126
RGB Percent	69%, 66%, 49%
CMY	0.3050, 0.3364, 0.5050
CMYK	0.00, 0.05, 0.29, 0.30
HSL	51°, 25%, 59%
HSV	51°, 29%, 70%
XYZ	36.1923, 39.3444, 25.4976
YIQ	166.4900, 18.5710, -11.6770

Conversions

Conversions Part 2

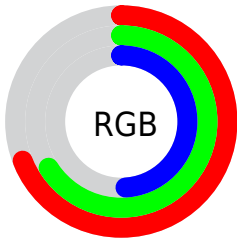
Format	Color
RYB	135, 177, 126
Decimal	11643262
CIELab	69.00, -3.97, 23.28
CIELCh	69, 23.613, 99.686
Yxy	39.3444, 0.3582, 0.3894
Android (android.graphics.Color)	4289833342 (0xFFB1A97E)
YUV	166.4900, -19.9616, 9.2173
Hunter-Lab	62.7251, -6.7747, 19.8064

Details

The CIELCh color **69, 23.613, 99.686** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 24.636, 286.724**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 23.520, 99.712**, and **49, 23.362, 99.241** is the 20% darker color. If you saturate the color by 10%, you get **68, 31.753, 98.546**, and if you desaturate by 10%, it is **70, 15.403, 100.818**.

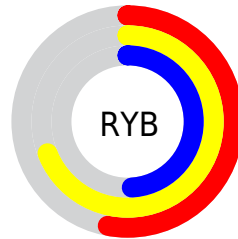
Distribution



Red (69%)

Green (66%)

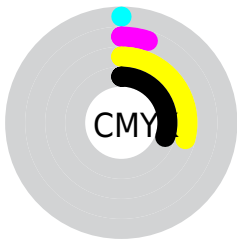
Blue (49%)



Red (53%)

Yellow (69%)

Blue (49%)

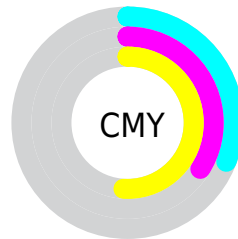


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (30%)



Cyan (31%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 23.613, 99.686 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, 23.613, 99.686 by changing the saturation by 10% instead.

69, 23.613, 99.686

69, 23.613, 99.686

100, 23.613,
99.686

59, 23.613, 99.686

89, 23.613, 99.686

49, 23.613, 99.686

99, 23.613, 99.686

39, 23.613, 99.686

29, 23.613, 99.686

19, 23.613, 99.686

9, 23.613, 99.686

0, 23.613, 99.686

69, 23.613, 99.686

69, 23.613, 99.686

68, 31.753, 98.546

70, 15.403,

67, 39.705, 97.395	100.818
66, 47.280, 96.248	71, 7.185, 101.915
65, 54.174, 95.112	72, 1.002, 283.129
64, 59.938, 93.988	74, 9.135, 284.057
63, 64.017, 92.859	75, 17.204, 285.046
63, 66.225, 91.701	76, 25.201, 285.994
63, 66.467, 91.562	78, 33.126, 286.897
	78, 34.143, 285.738
	79, 32.700, 283.701

Harmonies

Complementary

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



69, 23.613, 99.686



57, 24.636, 286.724

Rectangle

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



69, 23.613, 99.686



69, 23.613, 149.686



69, 23.613, 279.686



69, 23.613, 329.686

Sweetspot

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



69, 23.614, 99.691



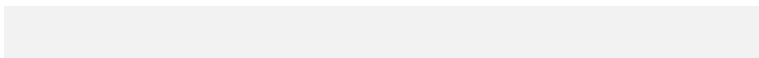
90, 9.084, 101.876



58, 21.282, 8.895



47, 6.309, 101.722



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 23.614, 99.691



86, 35.391, 98.912



70, 28.376, 121.479



37, 4.660, 101.857



55, 59.700, 91.709



7, 10.485, 98.801

Inverse Universe

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



57, 24.636, 286.724



68, 37.397, 287.912



56, 29.954, 304.846



35, 4.726, 283.955



20, 82.486, 303.378



1, 11.742, 284.759

Previews

White Background



This preview shows how the CIELCh color 69, 23.613, 99.686 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, 23.613, 99.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

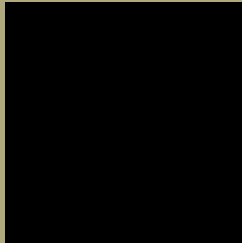
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

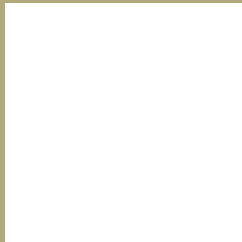
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 23.613, 99.686

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.613, 99.686.



This preview shows how white text looks on a background with the CIELCh color 69, 23.613, 99.686.

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, 23.613, 99.686

Protanopia

69, 23.414, 95.502

Deuteranopia

69, 24.085, 68.059



Tritanopia
69, 10.049, 339.420

Trichromacy



Original Color
69, 23.613, 99.686

Protanomaly
69, 23.325, 96.506

Deuteranomaly
69, 23.091, 79.923

Tritanomaly
69, 7.649, 54.616

Monochromacy



Original Color
69, 23.613, 99.686

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.824, 101.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.613, 99.686 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(177, 169, 126)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 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(177, 169, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.613, 99.686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

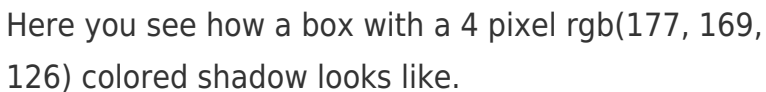
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 169, 126) }
```

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

```
.border{ border-color:rgb(177, 169, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 169, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 169, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 169, 126); box-shadow:4px 4px 4px 4px rgb(177, 169, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.613, 99.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 126) }
```

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

```
.background{ background-color: rgb(177,  
169, 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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