

Converting Colors

CIELCh(69, 29.759, 123.769)

Have a look what the booklet for
CIELCh(69, 29.759, 123.769)
contains.

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Color

CIELCh(69, 29.879, 123.852)

Conversions

Conversions Part 1

Format	Color
Hex	9BB07B
RGB	155, 176, 123
RGB Percent	61%, 69%, 48%
CMY	0.3929, 0.3106, 0.5184
CMYK	0.12, 0.00, 0.30, 0.31
HSL	84°, 25%, 59%
HSV	84°, 30%, 69%
XYZ	32.5272, 39.3444, 24.5554
YIQ	163.6790, 4.4970, -20.9350

Conversions

Conversions Part 2

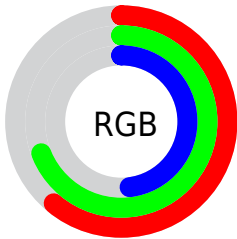
Format	Color
RYB	123, 176, 144
Decimal	10203259
CIELab	69.00, -16.64, 24.81
CIELCh	69, 29.879, 123.852
Yxy	39.3444, 0.3373, 0.4080
Android (android.graphics.Color)	4288393339 (0xFF9BB07B)
YUV	163.6790, -20.0547, -7.6115
Hunter-Lab	62.7251, -17.2047, 20.6969

Details

The CIELCh color **69, 29.879, 123.852** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 31.459, 307.059**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 30.023, 124.009**, and **49, 29.414, 123.884** is the 20% darker color. If you saturate the color by 10%, you get **68, 39.532, 123.355**, and if you desaturate by 10%, it is **70, 20.031, 124.370**.

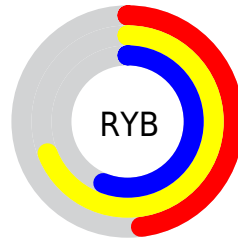
Distribution



Red (61%)

Green (69%)

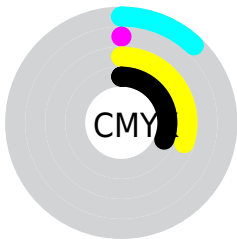
Blue (48%)



Red (48%)

Yellow (69%)

Blue (56%)

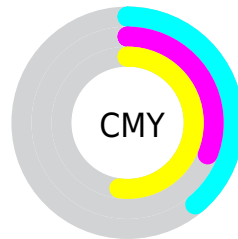


Cyan (12%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (39%)


Magenta (31%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 29.879, 123.852 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, 29.879, 123.852 by changing the saturation by 10% instead.

 69, 29.879,
123.852


 69, 29.879,
123.852


 100, 29.879,
123.852


 59, 29.879,
123.852


 89, 29.879,
123.852

 49, 29.879,
123.852

 99, 29.879,
123.852

 39, 29.879,
123.852

 29, 29.879,
123.852

 19, 29.879,
123.852

 9, 29.879, 123.852

 0, 29.879, 123.852

■ 69, 29.879,
123.852

■ 69, 29.879,
123.852

■ 68, 39.532,
123.355

■ 70, 20.031,
124.370

■ 68, 48.828,
122.910

■ 71, 10.090,
124.881

■ 67, 57.538,
122.576

■ 72, 0.133, 125.924

■ 66, 65.339,
122.437

■ 73, 9.787, 305.811

■ 66, 71.820,
122.603

■ 74, 19.634,
306.240

■ 65, 76.575,
123.191

■ 75, 29.380,
306.634

■ 65, 79.720,
124.136

■ 76, 39.005,
306.993

■ 77, 44.190,
308.572

■ 78, 44.760,
311.477

Harmonies

Complementary

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



69, 29.879, 123.852



55, 31.459, 307.059

Rectangle

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



69, 29.879, 123.852



69, 29.879, 173.852



69, 29.879, 303.852



69, 29.879, 353.852

Sweetspot

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



69, 29.881, 123.854



90, 11.119, 124.931



62, 18.015, 59.044



48, 7.720, 124.859



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, 29.881, 123.854



87, 44.154, 123.526



67, 34.283, 139.494



36, 5.569, 124.924



56, 70.969, 123.935



6, 12.026, 128.795

Inverse Universe

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



55, 31.459, 307.059



67, 47.081, 307.489



58, 34.527, 322.650



34, 5.659, 305.825



21, 85.867, 309.972



1, 11.657, 302.670

Previews

White Background



This preview shows how the CIELCh color 69, 29.879, 123.852 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, 29.879, 123.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

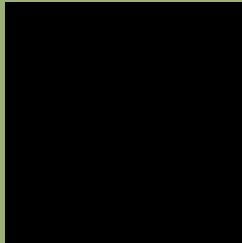
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 29.879, 123.852

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.879, 123.852.

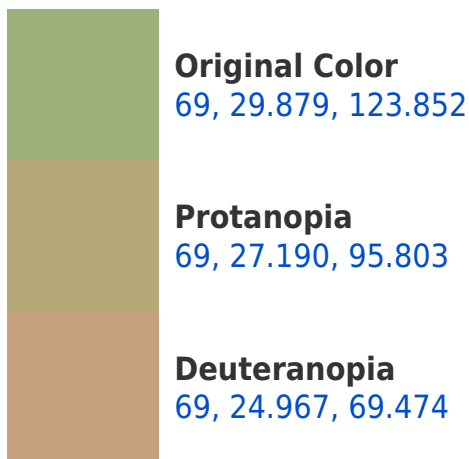


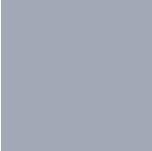
This preview shows how white text looks on a background with the CIELCh color 69, 29.879, 123.852.

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
69, 7.869, 277.662

Trichromacy



Original Color
69, 29.879, 123.852

Protanomaly
69, 27.596, 107.339

Deuteranomaly
69, 23.379, 91.233

Tritanomaly
69, 7.376, 144.110

Monochromacy



Original Color
69, 29.879, 123.852

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 11.423, 124.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.879, 123.852 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(155, 176, 123)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 123)  
}
```

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(155, 176, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.879, 123.852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

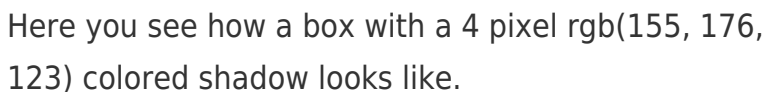
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 176, 123) }
```

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

```
.border{ border-color:rgb(155, 176, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 176, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 176, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 176, 123); box-shadow:4px 4px 4px 4px rgb(155, 176, 123) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.879, 123.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 123) }
```

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

```
.background{ background-color: rgb(155,  
176, 123) }
```

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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