

Converting Colors

CIELCh(69, 24.658, 106.858)

Have a look what the booklet for
CIELCh(69, 24.658, 106.858)
contains.

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Color

CIELCh(69, 24.939, 106.668)

Conversions

Conversions Part 1

Format	Color
Hex	ACAB7D
RGB	172, 171, 125
RGB Percent	67%, 67%, 49%
CMY	0.3257, 0.3296, 0.5100
CMYK	0.00, 0.01, 0.27, 0.33
HSL	59°, 22%, 58%
HSV	59°, 27%, 67%
XYZ	35.2478, 39.3444, 25.1180
YIQ	166.0550, 15.3620, -14.0940

Conversions

Conversions Part 2

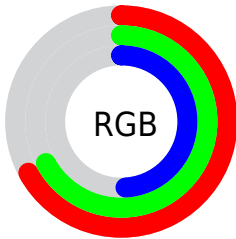
Format	Color
RYB	126, 172, 125
Decimal	11316093
CIELab	69.00, -7.15, 23.89
CIELCh	69, 24.939, 106.668
Yxy	39.3444, 0.3535, 0.3946
Android (android.graphics.Color)	4289506173 (0xFFACAB7D)
YUV	166.0550, -20.2401, 5.2138
Hunter-Lab	62.7251, -9.4624, 20.1651

Details

The CIELCh color $69, 24.939, 106.668$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $54, 26.526, 292.599$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 24.776, 106.332$, and $49, 24.755, 106.856$ is the 20% darker color. If you saturate the color by 10%, you get $69, 33.824, 105.708$, and if you desaturate by 10%, it is $69, 15.880, 107.647$.

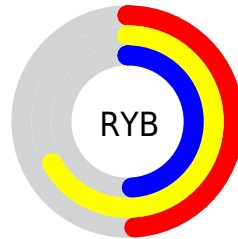
Distribution



Red (67%)

Green (67%)

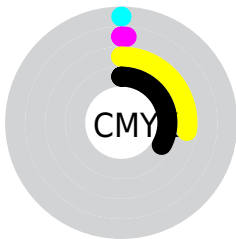
Blue (49%)



Red (49%)

Yellow (67%)

Blue (49%)

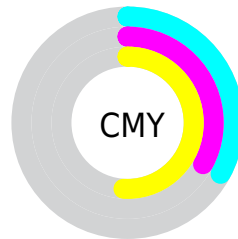


Cyan (0%)

Magenta (1%)

Yellow (27%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.939, 106.668 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, 24.939, 106.668 by changing the saturation by 10% instead.

 69, 24.939,
106.668

 69, 24.939,
106.668

 100, 24.939,
106.668

 59, 24.939,
106.668

 89, 24.939,
106.668

 49, 24.939,
106.668

 99, 24.939,
106.668

 39, 24.939,
106.668

 29, 24.939,
106.668

 19, 24.939,
106.668

 9, 24.939, 106.668

 0, 24.939, 106.668

69, 24.939,
106.668

69, 24.939,
106.668

69, 33.824,
105.708

69, 15.880,
107.647

68, 42.396,
104.777

70, 6.728, 108.613

68, 50.449,
103.902

70, 2.460, 289.606

68, 57.677,
103.115

71, 11.648,
290.516

68, 63.673,
102.452

72, 20.812,
291.412

67, 67.994,
101.944

72, 29.935,
292.273

67, 70.458,
101.598

73, 39.004,
293.094

67, 71.005,

74, 44.004,
293.465

101.516

■ 74, 43.794,
293.295

Harmonies

Complementary

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



69, 24.939, 106.668



54, 26.526, 292.599

Rectangle

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



69, 24.939, 106.668



69, 24.939, 156.668



69, 24.939, 286.668



69, 24.939, 336.668

Sweetspot

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



69, 24.940, 106.672



89, 9.115, 108.536



57, 19.539, 18.986



47, 6.469, 108.395



95, 0.011, 296.813



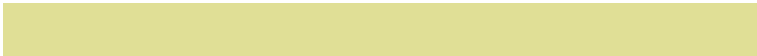
47, 0.006, 296.813

Same Dimension

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



69, 24.940, 106.672



87, 37.244, 106.066



68, 27.070, 126.621



37, 5.230, 108.424



59, 64.373, 101.531



7, 10.990, 108.906

Inverse Universe

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



54, 26.526, 292.599



65, 40.289, 293.571



56, 28.181, 309.249



34, 5.339, 290.289



17, 89.204, 305.961



1, 11.150, 289.486

Previews

White Background



This preview shows how the CIELCh color 69, 24.939, 106.668 looks on a white background.

Color Contrast Check

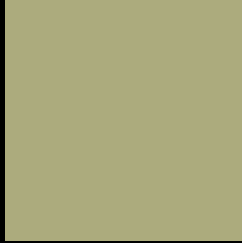
Large Text (above 18pt) WCAG AA × Fail

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, 24.939, 106.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

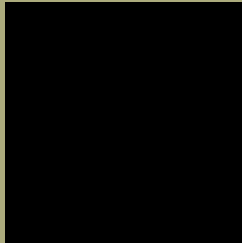
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

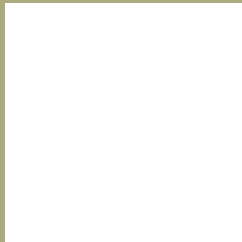
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 24.939, 106.668

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.939, 106.668.



This preview shows how white text looks on a background with the CIELCh color 69, 24.939, 106.668.

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, 24.939, 106.668

Protanopia
69, 24.563, 94.928

Deuteranopia
69, 24.524, 68.780



Tritanopia
69, 8.901, 326.835

Trichromacy



Original Color
69, 24.939, 106.668

Protanomaly
69, 24.739, 98.938

Deuteranomaly
69, 23.651, 82.785

Tritanomaly
69, 6.030, 74.136

Monochromacy



Original Color
69, 24.939, 106.668

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.303, 109.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.939, 106.668 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(172, 171, 125)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 125)  
}
```

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(172, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.939, 106.668 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(172, 171, 125) }
```

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

```
.border{ border-color:rgb(172, 171, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 125);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.939, 106.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 125) }
```

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

```
.background{ background-color: rgb(172,  
171, 125) }
```

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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