

Converting Colors

CIELCh(69, 19.911, 106.259)

Have a look what the booklet for
CIELCh(69, 19.911, 106.259)
contains.

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Color

CIELCh(69, 19.606, 105.785)

Conversions

Conversions Part 1

Format	Color
Hex	ACAA86
RGB	172, 170, 134
RGB Percent	67%, 67%, 53%
CMY	0.3247, 0.3325, 0.4737
CMYK	0.00, 0.01, 0.22, 0.32
HSL	57°, 19%, 60%
HSV	57°, 22%, 68%
XYZ	35.7862, 39.3444, 28.3329
YIQ	166.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

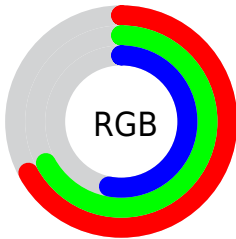
Format	Color
RYB	136, 172, 134
Decimal	11315846
CIELab	69.00, -5.33, 18.87
CIELCh	69, 19.606, 105.785
Yxy	39.3444, 0.3459, 0.3803
Android (android.graphics.Color)	4289505926 (0xFFACAA86)
YUV	166.4940, -16.0195, 4.8288
Hunter-Lab	62.7251, -7.9303, 17.1263

Details

The CIELCh color **69, 19.606, 105.785** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 20.512, 290.573**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 19.684, 105.211**, and **49, 19.711, 106.237** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.368, 104.783**, and if you desaturate by 10%, it is **70, 10.743, 106.792**.

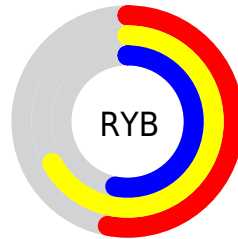
Distribution



Red (67%)

Green (67%)

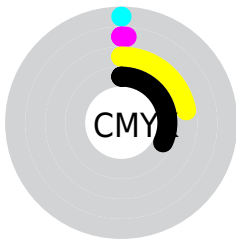
Blue (53%)



Red (53%)

Yellow (67%)

Blue (53%)

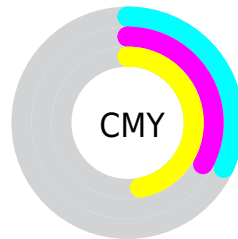


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (32%)



Cyan (32%)


Magenta (33%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.606, 105.785 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, 19.606, 105.785 by changing the saturation by 10% instead.


 69, 19.606,
105.785


 69, 19.606,
105.785


 100, 19.606,
105.785


 59, 19.606,
105.785


 89, 19.606,
105.785

 49, 19.606,
105.785

 99, 19.606,
105.785

 39, 19.606,
105.785

 29, 19.606,
105.785

 19, 19.606,
105.785

 9, 19.606, 105.785

 0, 19.606, 105.785

69, 19.606,
105.785

69, 19.606,
105.785

68, 28.368,
104.783

70, 10.743,
106.792

68, 36.925,
103.788

70, 1.837, 107.748

71, 7.069, 288.767

67, 45.120,
102.825

72, 15.953,
289.695

67, 52.708,
101.919

73, 24.795,
290.591

67, 59.334,
101.098

73, 33.585,
291.447

66, 64.546,
100.389

74, 42.314,
292.261

66, 67.910, 99.813

75, 41.939,
291.826

66, 69.504, 99.428

■ 75, 41.424,
291.362

Harmonies

Complementary

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



69, 19.606, 105.785



58, 20.512, 290.573

Rectangle

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



69, 19.606, 105.785



69, 19.606, 155.785



69, 19.606, 285.785



69, 19.606, 335.785

Sweetspot

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



69, 19.607, 105.790



89, 7.726, 107.280



60, 15.498, 15.786



47, 5.014, 107.225



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, 19.607, 105.790



87, 28.603, 105.347



68, 21.746, 125.656



36, 5.067, 107.066



58, 62.955, 99.467



7, 10.486, 106.912

Inverse Universe

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



58, 20.512, 290.573



71, 30.227, 291.204



59, 22.504, 307.824



34, 5.166, 288.978



17, 87.671, 305.480



1, 10.861, 288.413

Previews

White Background



This preview shows how the CIELCh color 69, 19.606, 105.785 looks on a white background.

Color Contrast Check

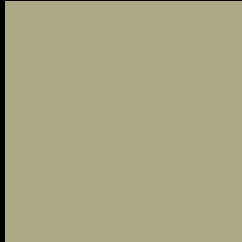
Large Text (above 18pt) WCAG AA × Fail

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, 19.606, 105.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

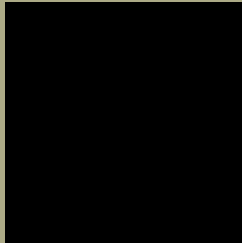
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

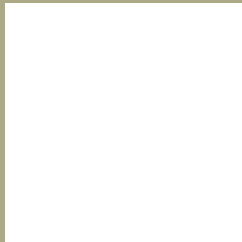
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 19.606, 105.785

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.606, 105.785.



This preview shows how white text looks on a background with the CIELCh color 69, 19.606, 105.785.

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, 19.606, 105.785

Protanopia
69, 19.619, 94.898

Deuteranopia
69, 20.185, 64.506



Tritanopia
69, 8.901, 326.835

Trichromacy



Original Color
69, 19.606, 105.785

Protanomaly
69, 19.880, 98.669

Deuteranomaly
69, 18.812, 79.671

Tritanomaly
69, 4.725, 54.942

Monochromacy



Original Color
69, 19.606, 105.785

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.122, 106.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.606, 105.785 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, 170, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 134)  
}
```

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, 170, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.606, 105.785 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, 170, 134) }
```

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

```
.border{ border-color:rgb(172, 170, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 170, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.606, 105.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 134) }
```

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

```
.background{ background-color: rgb(172,  
170, 134) }
```

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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