

Converting Colors

CIELCh(69, 21.322, 100.028)

Have a look what the booklet for
CIELCh(69, 21.322, 100.028)
contains.

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Color

CIELCh(69, 21.421, 100.259)

Conversions

Conversions Part 1

Format	Color
Hex	B0A982
RGB	176, 169, 130
RGB Percent	69%, 66%, 51%
CMY	0.3088, 0.3363, 0.4893
CMYK	0.00, 0.04, 0.26, 0.31
HSL	51°, 23%, 60%
HSV	51°, 26%, 69%
XYZ	36.2396, 39.3444, 26.8858
YIQ	166.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

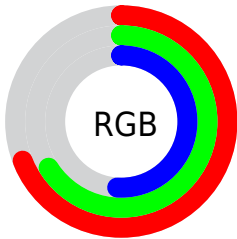
Format	Color
RYB	138, 176, 130
Decimal	11577730
CIELab	69.00, -3.82, 21.08
CIELCh	69, 21.421, 100.259
Yxy	39.3444, 0.3537, 0.3840
Android (android.graphics.Color)	4289767810 (0xFFB0A982)
YUV	166.6470, -18.0670, 8.2026
Hunter-Lab	62.7251, -6.6401, 18.4942

Details

The CIELCh color **69, 21.421, 100.259** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 22.266, 286.532**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 21.427, 100.147**, and **49, 21.614, 100.103** is the 20% darker color. If you saturate the color by 10%, you get **68, 29.583, 99.130**, and if you desaturate by 10%, it is **70, 13.206, 101.380**.

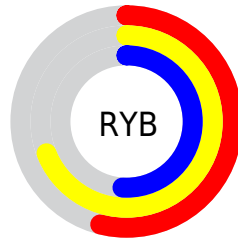
Distribution



Red (69%)

Green (66%)

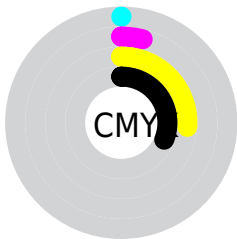
Blue (51%)



Red (54%)

Yellow (69%)

Blue (51%)

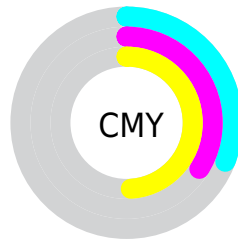


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (34%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 21.421, 100.259 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, 21.421, 100.259 by changing the saturation by 10% instead.

 69, 21.421,
100.259


 69, 21.421,
100.259


 100, 21.421,
100.259


 59, 21.421,
100.259


 89, 21.421,
100.259

 49, 21.421,
100.259

 99, 21.421,
100.259

 39, 21.421,
100.259

 29, 21.421,
100.259

 19, 21.421,
100.259

 9, 21.421, 100.259

 0, 21.421, 100.259

69, 21.421,
100.259

69, 21.421,
100.259

68, 29.583, 99.130

70, 13.206,
101.380

67, 37.590, 97.987

71, 4.992, 102.458

66, 45.276, 96.848

72, 3.186, 283.580

65, 52.370, 95.721

74, 11.309,
284.574

64, 58.466, 94.610

75, 19.368,
285.550

63, 63.030, 93.508

76, 27.356,
286.483

63, 65.608, 92.386

62, 66.369, 91.950

77, 35.271,
287.371

78, 34.575,
285.781

■ 79, 33.179,
283.845

Harmonies

Complementary

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



69, 21.421, 100.259



58, 22.266, 286.532

Rectangle

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



69, 21.421, 100.259



69, 21.421, 150.259



69, 21.421, 280.259



69, 21.421, 330.259

Sweetspot

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



69, 21.422, 100.264



90, 8.112, 102.244



59, 19.091, 8.531



48, 5.762, 102.086



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, 21.422, 100.264



87, 31.512, 99.649



70, 25.652, 121.628



37, 4.683, 102.117



55, 59.853, 92.087



7, 10.556, 99.197

Inverse Universe

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



58, 22.266, 286.532



70, 33.074, 287.428



57, 26.929, 304.652



35, 4.751, 284.207



20, 82.844, 303.506



1, 11.787, 284.942

Previews

White Background



This preview shows how the CIELCh color 69, 21.421, 100.259 looks on a white background.

Color Contrast Check

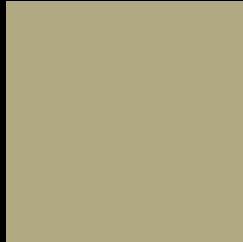
Large Text (above 18pt) WCAG AA × Fail

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, 21.421, 100.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

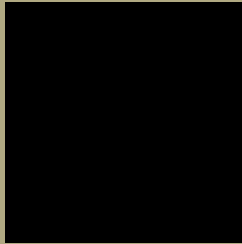
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

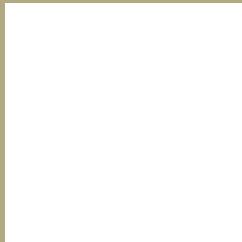
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 21.421, 100.259

Background



This preview shows how black text looks on a background with the CIELCh color 69, 21.421, 100.259.



This preview shows how white text looks on a background with the CIELCh color 69, 21.421, 100.259.

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, 21.421, 100.259

Protanopia

69, 21.303, 94.582

Deuteranopia

69, 22.172, 67.288



Tritanopia
69, 10.139, 335.618

Trichromacy



Original Color
69, 21.421, 100.259

Protanomaly
69, 21.207, 95.674

Deuteranomaly
69, 21.180, 80.156

Tritanomaly
69, 6.703, 49.050

Monochromacy



Original Color
69, 21.421, 100.259

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.694, 103.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 21.421, 100.259 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(176, 169, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 130)  
}
```

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(176, 169, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 21.421, 100.259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

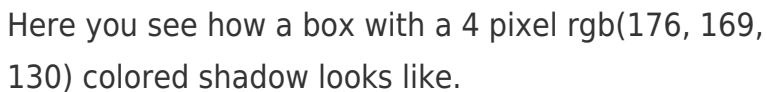
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 169, 130) }
```

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

```
.border{ border-color:rgb(176, 169, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 169, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 169, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 169, 130); box-shadow:4px 4px 4px 4px rgb(176, 169, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 21.421, 100.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 169, 130) }
```

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

```
.background{ background-color: rgb(176,  
169, 130) }
```

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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