

Converting Colors

CIELCh(69, 17.059, 100.463)

Have a look what the booklet for
CIELCh(69, 17.059, 100.463)
contains.

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Color

CIELCh(69, 17.073, 100.253)

Conversions

Conversions Part 1

Format	Color
Hex	AFA98A
RGB	175, 169, 138
RGB Percent	69%, 66%, 54%
CMY	0.3136, 0.3371, 0.4587
CMYK	0.00, 0.03, 0.21, 0.31
HSL	50°, 19%, 61%
HSV	50°, 21%, 69%
XYZ	36.4728, 39.3444, 29.7307
YIQ	167.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

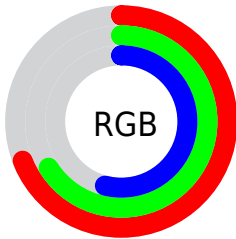
Format	Color
RYB	145, 175, 138
Decimal	11512202
CIELab	69.00, -3.04, 16.80
CIElCh	69, 17.073, 100.253
Yxy	39.3444, 0.3456, 0.3728
Android (android.graphics.Color)	4289702282 (0xFFAFA98A)
YUV	167.2600, -14.4252, 6.7880
Hunter-Lab	62.7251, -5.9764, 15.8050

Details

The CIELCh color **69, 17.073, 100.253** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 17.578, 285.253**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.777, 99.689**, and **49, 17.012, 100.453** is the 20% darker color. If you saturate the color by 10%, you get **68, 25.157, 99.121**, and if you desaturate by 10%, it is **70, 8.977, 101.369**.

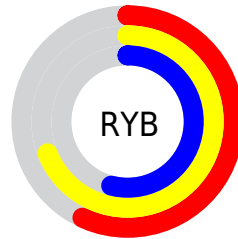
Distribution



Red (69%)

Green (66%)

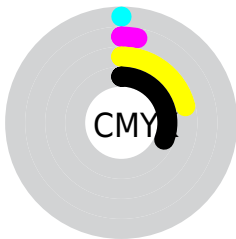
Blue (54%)



Red (57%)

Yellow (69%)

Blue (54%)

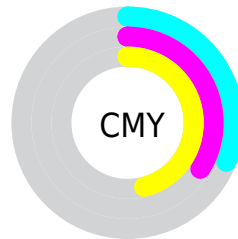


Cyan (0%)

Magenta (3%)

Yellow (21%)

Black (31%)



Cyan (31%)


Magenta (34%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 17.073, 100.253 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, 17.073, 100.253 by changing the saturation by 10% instead.

 69, 17.073,
100.253


 69, 17.073,
100.253


 100, 17.073,
100.253


 59, 17.073,
100.253


 89, 17.073,
100.253

 49, 17.073,
100.253

 99, 17.073,
100.253

 39, 17.073,
100.253

 29, 17.073,
100.253

 19, 17.073,
100.253

 9, 17.073, 100.253

 0, 17.073, 100.253

69, 17.073,
100.253

69, 17.073,
100.253

68, 25.157, 99.121

70, 8.977, 101.369

67, 33.152, 97.968

71, 0.907, 102.333

66, 40.933, 96.809

73, 7.112, 283.536

65, 48.293, 95.654

74, 15.067,
284.535

64, 54.899, 94.507

75, 22.951,
285.496

63, 60.276, 93.364

62, 63.871, 92.203

77, 30.763,
286.413

62, 65.678, 91.145

78, 35.566,
286.417

78, 34.075,
284.444

■ 79, 32.627,
282.305

Harmonies

Complementary

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



69, 17.073, 100.253



60, 17.578, 285.253

Rectangle

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



69, 17.073, 100.253



69, 17.073, 150.253



69, 17.073, 280.253



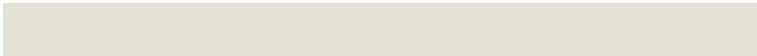
69, 17.073, 330.253

Sweetspot

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



69, 17.074, 100.259



89, 5.960, 101.909



61, 15.176, 7.902



48, 3.987, 101.843



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, 17.074, 100.259



87, 24.952, 99.773



70, 20.688, 121.905



36, 4.525, 101.569



53, 58.812, 91.305



6, 8.946, 98.880

Inverse Universe

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



60, 17.578, 285.253



74, 25.858, 285.906



60, 21.503, 304.306



34, 4.587, 283.669



20, 80.983, 303.199



1, 9.888, 284.192

Previews

White Background



This preview shows how the CIELCh color 69, 17.073, 100.253 looks on a white background.

Color Contrast Check

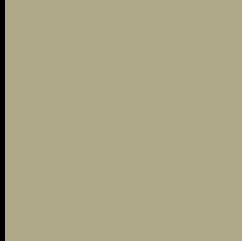
Large Text (above 18pt) WCAG AA × Fail

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, 17.073, 100.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

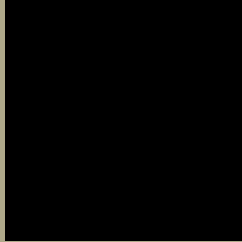
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

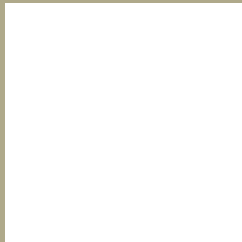
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.073, 100.253

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.073, 100.253.



This preview shows how white text looks on a background with the CIELCh color 69, 17.073, 100.253.

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, 17.073, 100.253

Protanopia

69, 16.873, 94.552

Deuteranopia

69, 18.660, 62.208



Tritanopia
69, 9.365, 330.605

Trichromacy



Original Color
69, 17.073, 100.253

Protanomaly
69, 16.778, 95.907

Deuteranomaly
69, 17.122, 75.362

Tritanomaly
69, 4.903, 39.217

Monochromacy



Original Color
69, 17.073, 100.253

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.606, 102.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.073, 100.253 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(175, 169, 138)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 138)  
}
```

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(175, 169, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.073, 100.253 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(175, 169, 138) }
```

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

```
.border{ border-color:rgb(175, 169, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 169, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 169, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 169, 138);  
box-shadow:4px 4px 4px 4px rgb(175, 169,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.073, 100.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 138) }
```

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

```
.background{ background-color: rgb(175,  
169, 138) }
```

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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