

Converting Colors

CIELCh(69, 17.473, 107.663)

Have a look what the booklet for
CIELCh(69, 17.473, 107.663)
contains.

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Color

CIELCh(69, 17.435, 107.062)

Conversions

Conversions Part 1

Format	Color
Hex	ABAA8A
RGB	171, 170, 138
RGB Percent	67%, 67%, 54%
CMY	0.3286, 0.3325, 0.4581
CMYK	0.00, 0.01, 0.19, 0.33
HSL	58°, 16%, 61%
HSV	58°, 19%, 67%
XYZ	35.8510, 39.3444, 29.8221
YIQ	166.6510, 10.8680, -9.7400

Conversions

Conversions Part 2

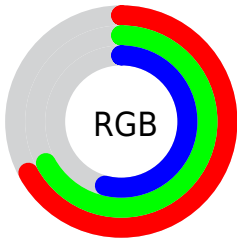
Format	Color
RYB	139, 171, 138
Decimal	11250314
CIELab	69.00, -5.12, 16.67
CIELCh	69, 17.435, 107.062
Yxy	39.3444, 0.3414, 0.3746
Android (android.graphics.Color)	4289440394 (0xFFABAA8A)
YUV	166.6510, -14.1249, 3.8141
Hunter-Lab	62.7251, -7.7459, 15.7187

Details

The CIELCh color $69, 17.435, 107.062$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 18.167, 291.119$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 17.094, 106.222$, and $49, 17.421, 107.836$ is the 20% darker color. If you saturate the color by 10%, you get $69, 26.368, 106.084$, and if you desaturate by 10%, it is $70, 8.407, 108.045$.

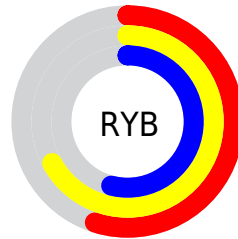
Distribution



Red (67%)

Green (67%)

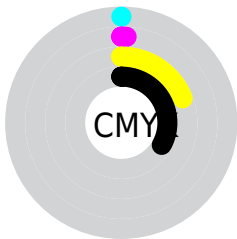
Blue (54%)



Red (55%)

Yellow (67%)

Blue (54%)

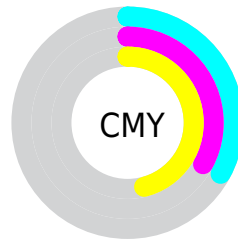


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 17.435, 107.062 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, 17.435, 107.062 by changing the saturation by 10% instead.


 69, 17.435,
107.062


 69, 17.435,
107.062


 100, 17.435,
107.062


 59, 17.435,
107.062


 89, 17.435,
107.062

 49, 17.435,
107.062

 99, 17.435,
107.062

 39, 17.435,
107.062

 29, 17.435,
107.062

 19, 17.435,
107.062

 9, 17.435, 107.062

 0, 17.435, 107.062

69, 17.435,
107.062

69, 17.435,
107.062

69, 26.368,
106.084

70, 8.407, 108.045

70, 0.662, 289.122

68, 35.109,
105.114

71, 9.734, 289.969

68, 43.516,
104.177

71, 18.783,
290.876

67, 51.368,
103.298

72, 27.792,
291.749

67, 58.341,
102.509

73, 36.750,
292.582

67, 64.012,
101.843

74, 44.022,
293.193

67, 67.941,
101.329

74, 43.723,
292.949

67, 70.168,

100.954

■ 74, 43.426,
292.702

■ 66, 70.316,
100.928

Harmonies

Complementary

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



69, 17.435, 107.062



59, 18.167, 291.119

Rectangle

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



69, 17.435, 107.062



69, 17.435, 157.062



69, 17.435, 287.062



69, 17.435, 337.062

Sweetspot

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



69, 17.436, 107.067



88, 6.710, 108.350



61, 13.346, 18.113



47, 4.487, 108.290



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, 17.436, 107.067



87, 25.646, 106.661



68, 19.055, 127.014



37, 5.183, 108.042



59, 63.955, 100.949



7, 10.842, 108.345

Inverse Universe

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



59, 18.167, 291.119



72, 26.980, 291.676



60, 19.593, 308.814



34, 5.289, 289.920



17, 88.756, 305.822



1, 11.067, 289.182

Previews

White Background



This preview shows how the CIELCh color 69, 17.435, 107.062 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, 17.435, 107.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

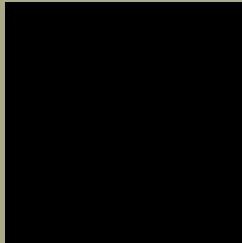
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

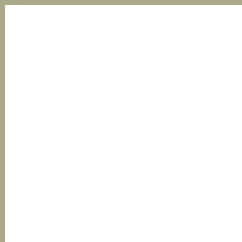
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.435, 107.062

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.435, 107.062.



This preview shows how white text looks on a background with the CIELCh color 69, 17.435, 107.062.

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, 17.435, 107.062

Protanopia

69, 17.403, 94.901

Deuteranopia

69, 18.267, 61.063



Tritanopia
69, 8.278, 320.479

Trichromacy



Original Color
69, 17.435, 107.062

Protanomaly
69, 17.672, 99.122

Deuteranomaly
69, 16.668, 77.718

Tritanomaly
69, 3.132, 51.041

Monochromacy



Original Color
69, 17.435, 107.062

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.029, 105.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.435, 107.062 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(171, 170, 138)` looks like.

```
.text, #text, p{  
    color:rgb(171, 170, 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(171, 170, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 170, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.435, 107.062 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(171, 170, 138) }
```

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

```
.border{ border-color:rgb(171, 170, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 170, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 170, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 170, 138);  
box-shadow:4px 4px 4px 4px rgb(171, 170,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.435, 107.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 170, 138) }
```

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

```
.background{ background-color: rgb(171,  
170, 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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