

Converting Colors

CIELCh(69, 16.215, 107.075)

Have a look what the booklet for
CIELCh(69, 16.215, 107.075)
contains.

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Color

CIELCh(69, 16.353, 107.092)

Conversions

Conversions Part 1

Format	Color
Hex	ABAA8C
RGB	171, 170, 140
RGB Percent	67%, 67%, 55%
CMY	0.3291, 0.3330, 0.4507
CMYK	0.00, 0.01, 0.18, 0.33
HSL	58°, 16%, 61%
HSV	58°, 18%, 67%
XYZ	35.9432, 39.3444, 30.5420
YIQ	166.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

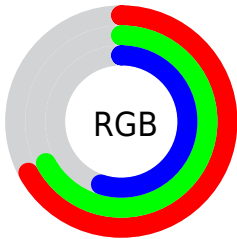
Format	Color
RYB	141, 171, 140
Decimal	11250316
CIELab	69.00, -4.81, 15.63
CIElCh	69, 16.353, 107.092
Yxy	39.3444, 0.3396, 0.3718
Android (android.graphics.Color)	4289440396 (0xFFABAA8C)
YUV	166.8790, -13.2513, 3.6141
Hunter-Lab	62.7251, -7.4836, 15.0382

Details

The CIELCh color $69, 16.353, 107.092$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $60, 16.993, 290.891$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 16.063, 106.154$, and $49, 16.277, 106.455$ is the 20% darker color. If you saturate the color by 10%, you get $69, 25.281, 106.112$, and if you desaturate by 10%, it is $70, 7.339, 108.075$.

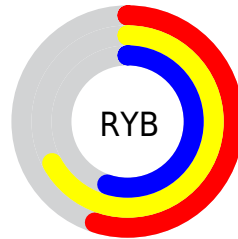
Distribution



Red (67%)

Green (67%)

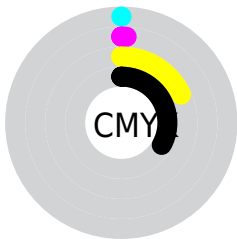
Blue (55%)



Red (55%)

Yellow (67%)

Blue (55%)

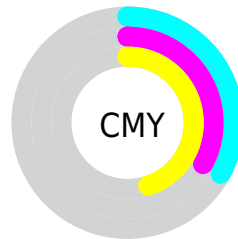


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.353, 107.092 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, 16.353, 107.092 by changing the saturation by 10% instead.


 69, 16.353,
107.092


 69, 16.353,
107.092


 100, 16.353,
107.092


 59, 16.353,
107.092


 89, 16.353,
107.092

 49, 16.353,
107.092

 99, 16.353,
107.092

 39, 16.353,
107.092

 29, 16.353,
107.092

 19, 16.353,
107.092

 9, 16.353, 107.092

 0, 16.353, 107.092

■ 69, 16.353,
107.092

■ 69, 16.353,
107.092

■ 69, 25.281,
106.112

■ 70, 7.339, 108.075

■ 70, 1.709, 289.090

■ 68, 34.032,
105.137

■ 71, 10.756,
289.996

■ 68, 42.471,
104.192

■ 71, 19.777,
290.901

■ 67, 50.389,
103.301

■ 72, 28.757,
291.770

■ 67, 57.474,
102.495

■ 73, 37.684,
292.599

■ 67, 63.313,
101.807

■ 74, 43.956,
293.095

■ 67, 67.458,
101.266

■ 74, 43.639,
292.835

■ 66, 69.801,

100.871

■ 74, 43.322,
292.571

■ 66, 70.184,
100.802

Harmonies

Complementary

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



69, 16.353, 107.092



60, 16.993, 290.891

Rectangle

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



69, 16.353, 107.092



69, 16.353, 157.092



69, 16.353, 287.092



69, 16.353, 337.092

Sweetspot

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



69, 16.354, 107.097



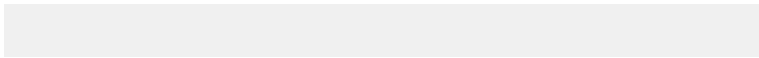
88, 5.580, 108.364



61, 12.484, 18.000



47, 3.838, 108.300



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, 16.354, 107.097



87, 24.495, 106.677



68, 17.902, 127.070



37, 5.172, 107.959



59, 63.867, 100.824



7, 10.811, 108.224

Inverse Universe

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



60, 16.993, 290.891



73, 25.701, 291.457



60, 18.376, 308.753



34, 5.278, 289.841



17, 88.661, 305.792



1, 11.049, 289.117

Previews

White Background



This preview shows how the CIELCh color 69, 16.353, 107.092 looks on a white background.

Color Contrast Check

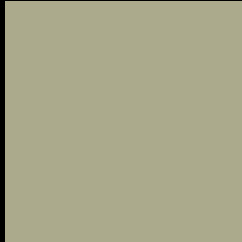
Large Text (above 18pt) WCAG AA × Fail

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, 16.353, 107.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

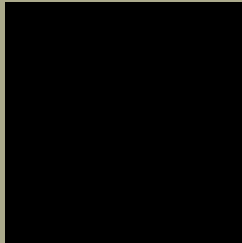
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

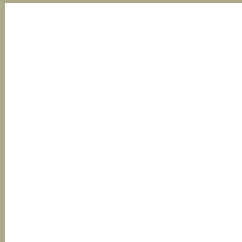
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 16.353, 107.092

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.353, 107.092.



This preview shows how white text looks on a background with the CIELCh color 69, 16.353, 107.092.

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, 16.353, 107.092

Protanopia

69, 16.344, 94.176

Deuteranopia

69, 17.177, 59.466



Tritanopia
69, 8.278, 320.479

Trichromacy



Original Color
69, 16.353, 107.092

Protanomaly
69, 16.536, 100.057

Deuteranomaly
69, 15.720, 75.879

Tritanomaly
69, 3.132, 51.041

Monochromacy



Original Color
69, 16.353, 107.092

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.021, 109.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.353, 107.092 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(171, 170, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 170, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.353, 107.092 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, 140) }
```

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

```
.border{ border-color:rgb(171, 170, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 170, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 170, 140);  
box-shadow:4px 4px 4px 4px rgb(171, 170,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.353, 107.092 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, 140) }
```

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

```
.background{ background-color: rgb(171,  
170, 140) }
```

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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