

Converting Colors

CIELCh(67, 28.062, 99.350)

Have a look what the booklet for
CIELCh(67, 28.062, 99.350) contains.

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Color

CIELCh(67, 28.056, 99.421)

Conversions

Conversions Part 1

Format	Color
Hex	ADA471
RGB	173, 164, 113
RGB Percent	68%, 64%, 44%
CMY	0.3215, 0.3568, 0.5568
CMYK	0.00, 0.05, 0.35, 0.32
HSL	51°, 27%, 56%
HSV	51°, 35%, 68%
XYZ	33.4939, 36.6320, 20.9305
YIQ	160.8770, 21.7350, -13.9530

Conversions

Conversions Part 2

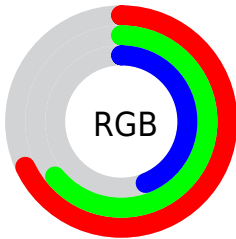
Format	Color
RYB	124, 173, 113
Decimal	11379825
CIELab	67.00, -4.59, 27.68
CIELCh	67, 28.056, 99.421
Yxy	36.6320, 0.3678, 0.4023
Android (android.graphics.Color)	4289569905 (0xFFADA471)
YUV	160.8770, -23.6034, 10.6319
Hunter-Lab	60.5244, -7.1365, 21.8634

Details

The CIELCh color **67, 28.056, 99.421** is a light color, and the websafe version is hex **999966**. A complement of this color would be **52, 29.642, 288.084**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 28.257, 99.766**, and **47, 28.033, 98.649** is the 20% darker color. If you saturate the color by 10%, you get **66, 35.987, 98.288**, and if you desaturate by 10%, it is **68, 19.991, 100.553**.

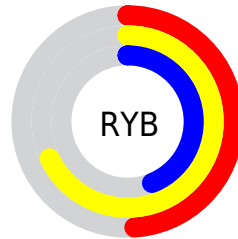
Distribution



Red (68%)

Green (64%)

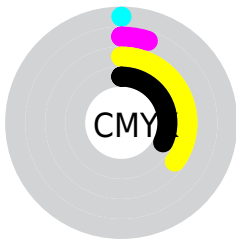
Blue (44%)



Red (49%)

Yellow (68%)

Blue (44%)

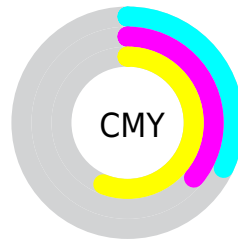


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 28.056, 99.421 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 67, 28.056, 99.421 by changing the saturation by 10% instead.

67, 28.056, 99.421

67, 28.056, 99.421

100, 28.056,
99.421

57, 28.056, 99.421

87, 28.056, 99.421

47, 28.056, 99.421

97, 28.056, 99.421

37, 28.056, 99.421

27, 28.056, 99.421

17, 28.056, 99.421

7, 28.056, 99.421

0, 28.056, 99.421

67, 28.056, 99.421

67, 28.056, 99.421

66, 35.987, 98.288

68, 19.991,

65, 43.627, 97.153	100.553
64, 50.731, 96.031	69, 11.878, 101.661
63, 56.919, 94.926	70, 3.773, 102.725
63, 61.680, 93.835	71, 4.294, 283.835
62, 64.510, 92.733	73, 12.307, 284.830
61, 65.551, 92.145	74, 20.256, 285.797
	75, 28.135, 286.722
	76, 35.943, 287.601
	77, 36.443, 286.471

Harmonies

Complementary

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



67, 28.056, 99.421



52, 29.642, 288.084

Rectangle

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



67, 28.056, 99.421



67, 28.056, 149.421



67, 28.056, 279.421



67, 28.056, 329.421

Sweetspot

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



67, 28.057, 99.425



88, 9.986, 102.149



54, 25.438, 11.027



46, 6.807, 102.003



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 28.057, 99.425



84, 41.847, 98.510



68, 33.518, 121.822



36, 4.583, 102.242



54, 59.200, 92.280



6, 9.099, 99.855

Inverse Universe

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



52, 29.642, 288.084



62, 44.996, 289.624



52, 35.773, 305.832



34, 4.649, 284.320



19, 81.905, 303.532



1, 9.992, 284.699

Previews

White Background



This preview shows how the CIELCh color 67, 28.056, 99.421 looks on a white background.

Color Contrast Check

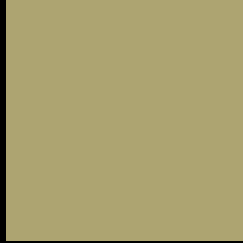
Large Text (above 18pt) WCAG AA × Fail

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 67, 28.056, 99.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

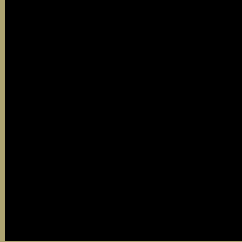
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 28.056, 99.421

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.056, 99.421.



This preview shows how white text looks on a background with the CIELCh color 67, 28.056, 99.421.

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


67, 28.056, 99.421

Protanopia

67, 27.859, 95.839

Deuteranopia

67, 28.145, 72.284



Tritanopia
67, 10.703, 342.230

Trichromacy



Original Color
67, 28.056, 99.421

Protanomaly
67, 27.773, 96.703

Deuteranomaly
67, 27.406, 82.580

Tritanomaly
67, 9.084, 61.438

Monochromacy



Original Color
67, 28.056, 99.421

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.976, 102.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.056, 99.421 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(173, 164, 113)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 113)  
}
```

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(173, 164, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.056, 99.421 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(173, 164, 113) }
```

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

```
.border{ border-color:rgb(173, 164, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 113);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.056, 99.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 113) }
```

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

```
.background{ background-color: rgb(173,  
164, 113) }
```

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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