

Converting Colors

CIELCh(70, 28.694, 107.395)

Have a look what the booklet for
CIELCh(70, 28.694, 107.395)
contains.

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Color

CIELCh(70, 28.572, 107.275)

Conversions

Conversions Part 1

Format	Color
Hex	AEAE79
RGB	174, 174, 121
RGB Percent	68%, 68%, 47%
CMY	0.3169, 0.3169, 0.5248
CMYK	0.00, 0.00, 0.30, 0.32
HSL	60°, 25%, 58%
HSV	60°, 30%, 68%
XYZ	36.1320, 40.7494, 24.1073
YIQ	167.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

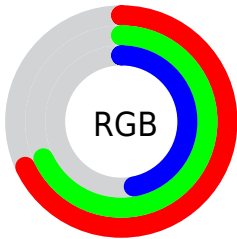
Format	Color
RYB	121, 174, 121
Decimal	11447929
CIELab	70.00, -8.48, 27.28
CIELCh	70, 28.572, 107.275
Yxy	40.7494, 0.3578, 0.4035
Android (android.graphics.Color)	4289638009 (0xFFFAEAE79)
YUV	167.9580, -23.1503, 5.2988
Hunter-Lab	63.8353, -10.6774, 22.2939

Details

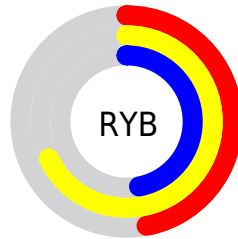
The CIELCh color $70, 28.572, 107.275$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $53, 30.736, 293.877$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 28.272, 107.059$, and $50, 28.526, 107.323$ is the 20% darker color. If you saturate the color by 10%, you get $70, 37.621, 106.349$, and if you desaturate by 10%, it is $70, 19.291, 108.230$.

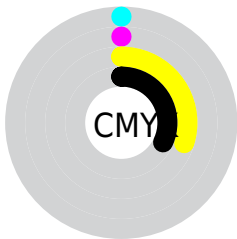
Distribution



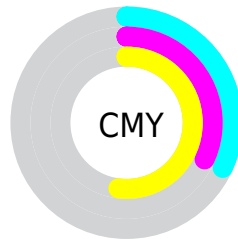
- Red (68%)
- Green (68%)
- Blue (47%)



- Red (47%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (32%)





- Cyan (32%)
- Magenta (32%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 28.572, 107.275 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 70, 28.572, 107.275 by changing the saturation by 10% instead.


 70, 28.572,
107.275


 70, 28.572,
107.275


 100, 28.572,
107.275


 60, 28.572,
107.275


 90, 28.572,
107.275

 50, 28.572,
107.275

 40, 28.572,
107.275

 30, 28.572,
107.275

 20, 28.572,
107.275

 10, 28.572,
107.275

 0, 28.572, 107.275

70, 28.572,
107.275

70, 28.572,
107.275

70, 37.621,
106.349

70, 19.291,
108.230

70, 46.271,
105.465

71, 9.878, 109.185

69, 54.281,
104.657

71, 0.402, 109.994

69, 61.307,
103.961

72, 9.092, 291.072

69, 66.918,
103.415

72, 18.575,
291.967

69, 70.710,
103.053

73, 28.025,
292.829

69, 72.822,
102.853

73, 37.427,
293.653

74, 43.810,
294.192

■ 74, 43.810,
294.192

Harmonies

Complementary

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



70, 28.572, 107.275



53, 30.736, 293.877

Rectangle

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



70, 28.572, 107.275



70, 28.572, 157.275



70, 28.572, 287.275



70, 28.572, 337.275

Sweetspot

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



70, 28.573, 107.279



90, 10.569, 109.306



56, 22.333, 21.913



48, 7.402, 109.170



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 28.573, 107.279



89, 42.816, 106.604



68, 30.682, 127.672



37, 5.341, 109.292



60, 65.376, 102.853



7, 11.345, 110.177

Inverse Universe

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



53, 30.736, 293.877



63, 47.054, 295.048



55, 31.998, 310.530



33, 5.457, 291.127



17, 90.272, 306.287



1, 11.347, 290.178

Previews

White Background



This preview shows how the CIELCh color 70, 28.572, 107.275 looks on a white background.

Color Contrast Check

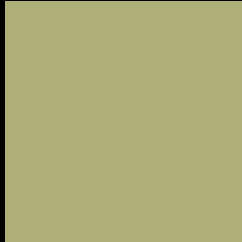
Large Text (above 18pt) WCAG AA × Fail

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 70, 28.572, 107.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

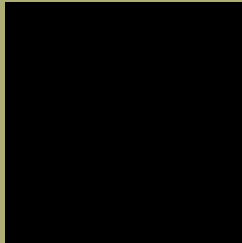
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 28.572, 107.275

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.572, 107.275.



This preview shows how white text looks on a background with the CIELCh color 70, 28.572, 107.275.

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
70, 28.572, 107.275

Protanopia
70, 28.243, 95.315

Deuteranopia
70, 28.109, 71.786



Tritanopia
70, 8.873, 326.827

Trichromacy



Original Color
70, 28.572, 107.275

Protanomaly
70, 28.357, 99.661

Deuteranomaly
70, 27.246, 84.807

Tritanomaly
70, 6.936, 79.200

Monochromacy



Original Color
70, 28.572, 107.275

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 10.373, 109.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.572, 107.275 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(174, 174, 121)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 121)  
}
```

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(174, 174, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.572, 107.275 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(174, 174, 121) }
```

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

```
.border{ border-color:rgb(174, 174, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 121);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.572, 107.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 121) }
```

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

```
.background{ background-color: rgb(174,  
174, 121) }
```

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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