

Converting Colors

CIELCh(70, 26.725, 115.955)

Have a look what the booklet for
CIELCh(70, 26.725, 115.955)
contains.

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Color

CIELCh(70, 26.757, 116.281)

Conversions

Conversions Part 1

Format	Color
Hex	A6B07F
RGB	166, 176, 127
RGB Percent	65%, 69%, 50%
CMY	0.3486, 0.3093, 0.5015
CMYK	0.06, 0.00, 0.28, 0.31
HSL	72°, 24%, 59%
HSV	72°, 28%, 69%
XYZ	35.1350, 40.7494, 26.1290
YIQ	167.4240, 9.7690, -17.3590

Conversions

Conversions Part 2

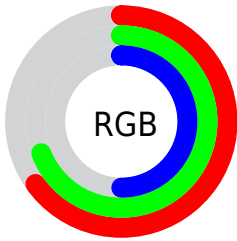
Format	Color
RYB	127, 176, 137
Decimal	10924159
CIELab	70.00, -11.85, 23.99
CIELCh	70, 26.757, 116.281
Yxy	40.7494, 0.3444, 0.3995
Android (android.graphics.Color)	4289114239 (0xFFA6B07F)
YUV	167.4240, -19.9290, -1.2488
Hunter-Lab	63.8353, -13.4652, 20.4162

Details

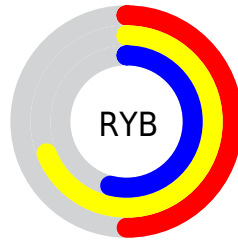
The CIELCh color **70, 26.757, 116.281** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 28.428, 300.374**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 27.058, 116.928**, and **50, 27.213, 116.060** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.102, 115.623**, and if you desaturate by 10%, it is **71, 17.216, 116.962**.

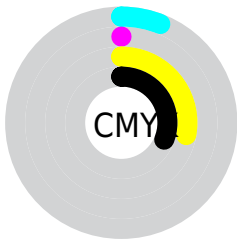
Distribution



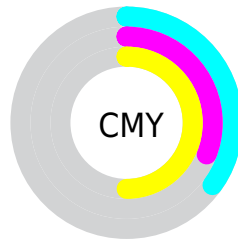
- Red (65%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)





- Cyan (35%)
- Magenta (31%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.757, 116.281 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, 26.757, 116.281 by changing the saturation by 10% instead.


 70, 26.757,
116.281


 70, 26.757,
116.281


 100, 26.757,
116.281


 60, 26.757,
116.281


 90, 26.757,
116.281

 50, 26.757,
116.281

 40, 26.757,
116.281

 30, 26.757,
116.281

 20, 26.757,
116.281

 10, 26.757,
116.281

 0, 26.757, 116.281

70, 26.757,
116.281

70, 26.757,
116.281

69, 36.102,
115.623

71, 17.216,
116.962

69, 45.105,
115.009

71, 7.571, 117.638

68, 53.554,
114.488

72, 2.114, 298.287

68, 61.139,
114.123

73, 11.794,
298.923

68, 67.457,
113.995

74, 21.436,
299.523

67, 72.078,
114.195

75, 31.018,
300.088

67, 74.875,
114.759

76, 40.523,
300.618

67, 75.405,

76, 43.095,
301.870

114.893

■ 76, 43.254,
303.389

Harmonies

Complementary

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



70, 26.757, 116.281



56, 28.428, 300.374

Rectangle

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



70, 26.757, 116.281



70, 26.757, 166.281



70, 26.757, 296.281



70, 26.757, 346.281

Sweetspot

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



70, 26.759, 116.284



90, 9.597, 117.617



60, 17.378, 39.193



48, 6.813, 117.517



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, 26.759, 116.284



88, 39.203, 115.900



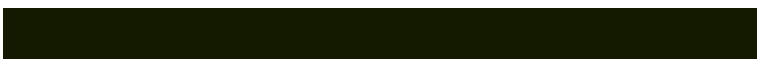
68, 29.950, 134.437



38, 5.538, 117.537



59, 67.941, 114.770



8, 13.606, 121.328

Inverse Universe

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



56, 28.428, 300.374



67, 42.260, 300.946



58, 30.572, 316.907



35, 5.651, 298.801



18, 89.835, 307.395



1, 13.414, 296.353

Previews

White Background



This preview shows how the CIELCh color 70, 26.757, 116.281 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, 26.757, 116.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

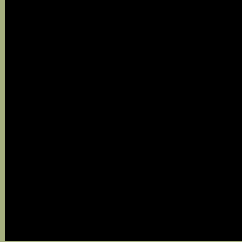
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

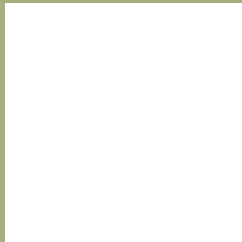
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 26.757, 116.281

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.757, 116.281.

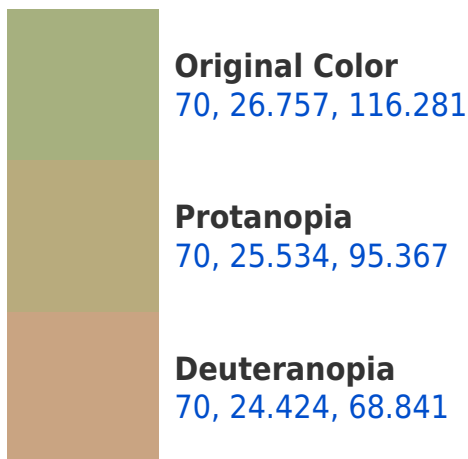



This preview shows how white text looks on a background with the CIELCh color 70, 26.757, 116.281.

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





Tritanopia
70, 7.302, 302.492

Trichromacy



Original Color
70, 26.757, 116.281

Protanomaly
70, 25.470, 103.867

Deuteranomaly
70, 22.869, 86.646

Tritanomaly
70, 5.513, 117.611

Monochromacy



Original Color
70, 26.757, 116.281

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.960, 118.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.757, 116.281 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(166, 176, 127)` looks like.

```
.text, #text, p{  
    color:rgb(166, 176, 127)  
}
```

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(166, 176, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 176, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.757, 116.281 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(166, 176, 127) }
```

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

```
.border{ border-color:rgb(166, 176, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 176, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 176, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 176, 127);  
box-shadow:4px 4px 4px 4px rgb(166, 176,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.757, 116.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 176, 127) }
```

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

```
.background{ background-color: rgb(166,  
176, 127) }
```

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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