

Converting Colors

CIELCh(70, 25.339, 116.018)

Have a look what the booklet for
CIELCh(70, 25.339, 116.018)
contains.

CIELCh(70, 25.643, 115.833)	3
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Color

CIELCh(70, 25.643, 115.833)

Conversions

Conversions Part 1

Format	Color
Hex	A7B081
RGB	167, 176, 129
RGB Percent	65%, 69%, 51%
CMY	0.3459, 0.3105, 0.4948
CMYK	0.05, 0.00, 0.27, 0.31
HSL	71°, 23%, 60%
HSV	71°, 27%, 69%
XYZ	35.3331, 40.7494, 26.7076
YIQ	167.9510, 9.7230, -16.5250

Conversions

Conversions Part 2

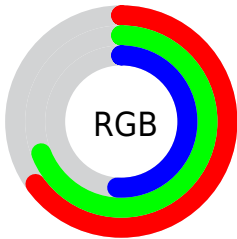
Format	Color
RYB	129, 176, 138
Decimal	10989697
CIELab	70.00, -11.17, 23.08
CIELCh	70, 25.643, 115.833
Yxy	40.7494, 0.3437, 0.3964
Android (android.graphics.Color)	4289179777 (0xFFA7B081)
YUV	167.9510, -19.2028, -0.8340
Hunter-Lab	63.8353, -12.9111, 19.8787

Details

The CIELCh color **70, 25.643, 115.833** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 27.188, 299.840**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 25.932, 115.688**, and **50, 26.124, 116.561** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.986, 115.157**, and if you desaturate by 10%, it is **71, 16.116, 116.529**.

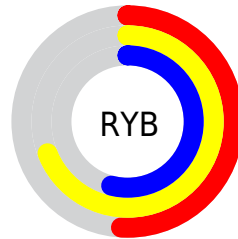
Distribution



Red (65%)

Green (69%)

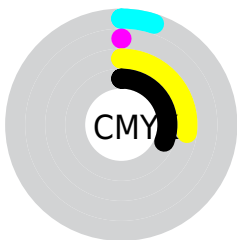
Blue (51%)



Red (51%)

Yellow (69%)

Blue (54%)

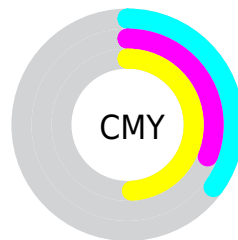


Cyan (5%)

Magenta (0%)

Yellow (27%)

Black (31%)



Cyan (35%)


Magenta (31%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.643, 115.833 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, 25.643, 115.833 by changing the saturation by 10% instead.


 70, 25.643,
115.833


 70, 25.643,
115.833


 100, 25.643,
115.833


 60, 25.643,
115.833


 90, 25.643,
115.833

 50, 25.643,
115.833

 40, 25.643,
115.833

 30, 25.643,
115.833

 20, 25.643,
115.833

 10, 25.643,
115.833

 0, 25.643, 115.833

70, 25.643,
115.833

70, 25.643,
115.833

69, 34.986,
115.157

71, 16.116,
116.529

69, 44.004,
114.522

71, 6.491, 117.218

68, 52.495,
113.973

72, 3.169, 297.884

68, 60.160,
113.569

73, 12.821,
298.528

68, 66.605,
113.388

74, 22.436,
299.139

67, 71.394,
113.518

75, 31.991,
299.715


67, 74.304,
114.015

75, 41.468,
300.255

67, 75.088,

76, 43.237,
301.509

114.204

 76, 43.379,
302.926

Harmonies

Complementary

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



70, 25.643, 115.833



56, 27.188, 299.840

Rectangle

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



70, 25.643, 115.833



70, 25.643, 165.833



70, 25.643, 295.833



70, 25.643, 345.833

Sweetspot

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



70, 25.645, 115.836



90, 9.584, 117.121



61, 16.764, 37.493



48, 6.804, 117.020



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, 25.645, 115.836



89, 37.985, 115.437



68, 28.590, 133.979



36, 5.399, 117.042



58, 66.914, 114.074



7, 11.555, 120.366

Inverse Universe

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



56, 27.188, 299.840



68, 40.871, 300.428



58, 29.199, 316.329



34, 5.510, 298.332



18, 88.865, 307.296



1, 11.429, 296.301

Previews

White Background



This preview shows how the CIELCh color 70, 25.643, 115.833 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, 25.643, 115.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

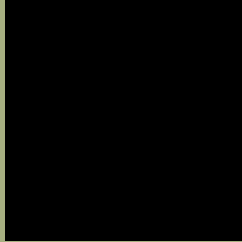
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

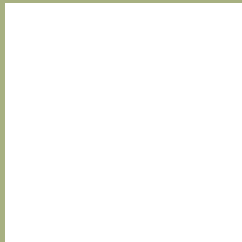
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 25.643, 115.833

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.643, 115.833.

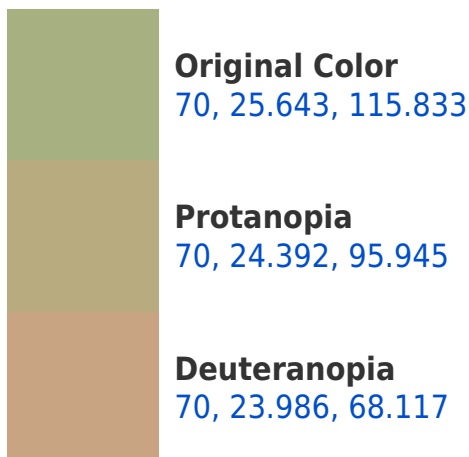



This preview shows how white text looks on a background with the CIELCh color 70, 25.643, 115.833.

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, 7.388, 305.291

Trichromacy



Original Color
70, 25.643, 115.833

Protanomaly
70, 24.406, 103.827

Deuteranomaly
70, 22.527, 85.246

Tritanomaly
70, 4.363, 109.725

Monochromacy



Original Color
70, 25.643, 115.833

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.360, 116.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.643, 115.833 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(167, 176, 129)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 129)  
}
```

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(167, 176, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.643, 115.833 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(167, 176, 129) }
```

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

```
.border{ border-color:rgb(167, 176, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 129);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.643, 115.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 129) }
```

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

```
.background{ background-color: rgb(167,  
176, 129) }
```

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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