

Converting Colors

CIELCh(70, 33.614, 115.717)

Have a look what the booklet for
CIELCh(70, 33.614, 115.717)
contains.

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Color

CIELCh(70, 33.606, 115.353)

Conversions

Conversions Part 1

Format	Color
Hex	A5B173
RGB	165, 177, 115
RGB Percent	65%, 69%, 45%
CMY	0.3524, 0.3054, 0.5485
CMYK	0.07, 0.00, 0.35, 0.31
HSL	72°, 28%, 57%
HSV	72°, 35%, 69%
XYZ	34.3934, 40.7494, 22.3092
YIQ	166.3440, 12.7500, -21.8260

Conversions

Conversions Part 2

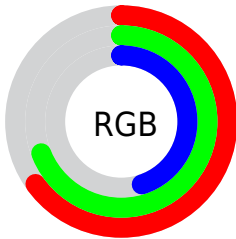
Format	Color
RYB	115, 177, 127
Decimal	10858867
CIELab	70.00, -14.39, 30.37
CIELCh	70, 33.606, 115.353
Yxy	40.7494, 0.3529, 0.4181
Android (android.graphics.Color)	4289048947 (0xFFA5B173)
YUV	166.3440, -25.3126, -1.1787
Hunter-Lab	63.8353, -15.5389, 23.9640

Details

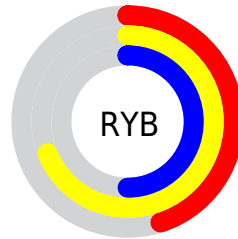
The CIELCh color **70, 33.606, 115.353** is a light color, and the websafe version is hex **999966**. A complement of this color would be **52, 36.394, 300.754**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 33.591, 115.427**, and **50, 33.240, 115.275** is the 20% darker color. If you saturate the color by 10%, you get **69, 42.751, 114.713**, and if you desaturate by 10%, it is **71, 24.166, 116.036**.

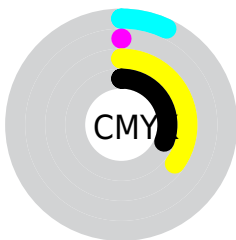
Distribution



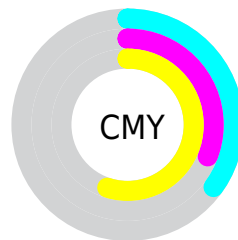
- Red (65%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (50%)



- Cyan (7%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)





- Cyan (35%)
- Magenta (31%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 33.606, 115.353 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, 33.606, 115.353 by changing the saturation by 10% instead.


 70, 33.606,
115.353


 70, 33.606,
115.353


 100, 33.606,
115.353


 60, 33.606,
115.353


 90, 33.606,
115.353

 50, 33.606,
115.353

 40, 33.606,
115.353

 30, 33.606,
115.353

 20, 33.606,
115.353

 10, 33.606,
115.353

 0, 33.606, 115.353

■ 70, 33.606,
115.353

■ 70, 33.606,
115.353

■ 69, 42.751,
114.713

■ 71, 24.166,
116.036

■ 69, 51.405,
114.147

■ 71, 14.555,
116.728

■ 69, 59.287,
113.716

■ 72, 4.859, 117.413

■ 68, 66.013,
113.495

■ 73, 4.863, 298.072

■ 68, 71.143,
113.571

■ 73, 14.572,
298.709

■ 68, 74.352,
114.021

■ 74, 24.238,
299.312

■ 68, 75.542,
114.319

■ 75, 33.840,
299.880

■ 76, 42.392,
300.510

■ 76, 42.523,
301.979

Harmonies

Complementary

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



70, 33.606, 115.353



52, 36.394, 300.754

Rectangle

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



70, 33.606, 115.353



70, 33.606, 165.353



70, 33.606, 295.353



70, 33.606, 345.353

Sweetspot

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



70, 33.607, 115.356



90, 13.178, 116.991



58, 22.861, 37.689



48, 8.843, 116.901



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, 33.607, 115.356



88, 49.387, 114.855



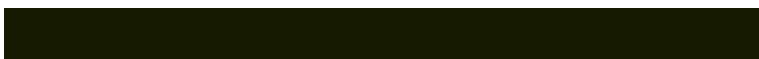
68, 37.593, 133.540



38, 5.532, 117.118



59, 67.777, 114.197



8, 13.581, 120.819

Inverse Universe

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



52, 36.394, 300.754



61, 54.656, 301.616



55, 38.646, 316.686



35, 5.645, 298.409



18, 89.956, 307.303



1, 13.405, 296.037

Previews

White Background



This preview shows how the CIELCh color 70, 33.606, 115.353 looks on a white background.

Color Contrast Check

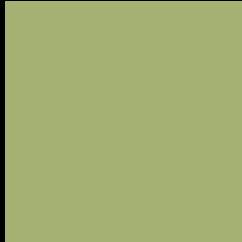
Large Text (above 18pt) WCAG AA × Fail

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, 33.606, 115.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

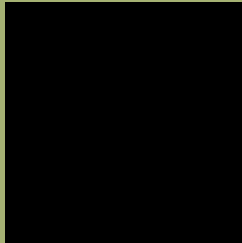
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 33.606, 115.353

Background



This preview shows how black text looks on a background with the CIELCh color 70, 33.606, 115.353.

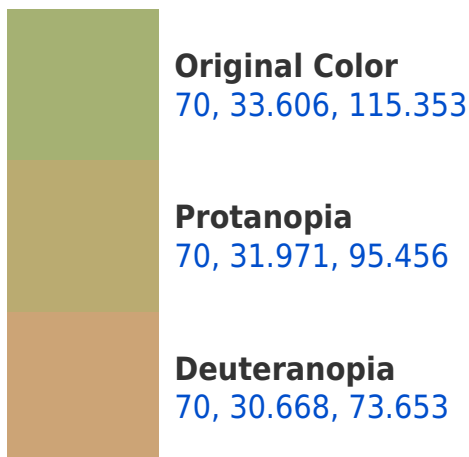



This preview shows how white text looks on a background with the CIELCh color 70, 33.606, 115.353.

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, 33.606, 115.353

Protanomaly
70, 31.823, 103.139

Deuteranomaly
70, 29.632, 89.766

Tritanomaly
70, 7.644, 112.304

Monochromacy



Original Color
70, 33.606, 115.353

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 12.667, 116.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 33.606, 115.353 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(165, 177, 115)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 115)  
}
```

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(165, 177, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 33.606, 115.353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

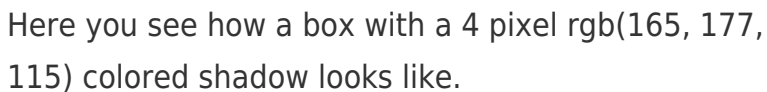
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 177, 115) }
```

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

```
.border{ border-color:rgb(165, 177, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 177, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 177, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 177, 115); box-shadow:4px 4px 4px 4px rgb(165, 177, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 33.606, 115.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 115) }
```

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

```
.background{ background-color: rgb(165,  
177, 115) }
```

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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