

Converting Colors

CIELCh(70, 56.967, 113.318)

Have a look what the booklet for
CIELCh(70, 56.967, 113.318)
contains.

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Color

CIELCh(70, 56.967, 113.318)

Conversions

Conversions Part 1

Format	Color
Hex	A0B446
RGB	160, 180, 70
RGB Percent	63%, 71%, 27%
CMY	0.3711, 0.2927, 0.7241
CMYK	0.11, 0.00, 0.61, 0.29
HSL	71°, 44%, 49%
HSV	71°, 61%, 71%
XYZ	32.0842, 40.7494, 12.0272
YIQ	161.4800, 23.3900, -38.4500

Conversions

Conversions Part 2

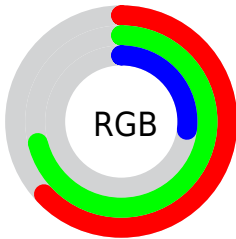
Format	Color
RYB	70, 180, 90
Decimal	10531910
CIELab	70.00, -22.55, 52.31
CIELCh	70, 56.967, 113.318
Yxy	40.7494, 0.3781, 0.4802
Android (android.graphics.Color)	4288721990 (0xFFA0B446)
YUV	161.4800, -45.0996, -1.2980
Hunter-Lab	63.8353, -21.9960, 33.5138

Details

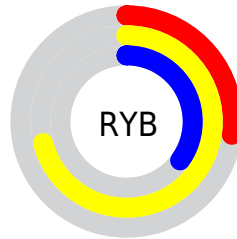
The CIELCh color **70, 56.967, 113.318** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **38, 67.047, 303.613**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 56.940, 113.353**, and **50, 56.769, 113.044** is the 20% darker color. If you saturate the color by 10%, you get **70, 64.284, 112.987**, and if you desaturate by 10%, it is **70, 48.639, 113.829**.

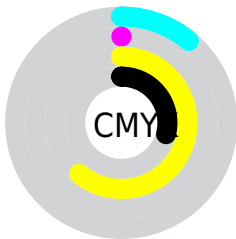
Distribution



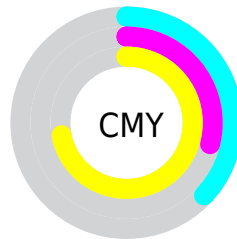
- Red (63%)
- Green (71%)
- Blue (27%)



- Red (27%)
- Yellow (71%)
- Blue (35%)



- Cyan (11%)
- Magenta (0%)
- Yellow (61%)
- Black (29%)





- Cyan (37%)
- Magenta (29%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 56.967, 113.318 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, 56.967, 113.318 by changing the saturation by 10% instead.


 70, 56.967,
113.318


 70, 56.967,
113.318


 100, 56.967,
113.318


 60, 56.967,
113.318


 90, 56.967,
113.318

 50, 56.967,
113.318

 40, 56.967,
113.318

 30, 56.967,
113.318

 20, 56.967,
113.318

 10, 56.967,
113.318

 0, 56.967, 113.318

■ 70, 56.967,
113.318

■ 70, 56.967,
113.318

■ 70, 64.284,
112.987

■ 70, 48.639,
113.829

■ 69, 70.149,
112.912

■ 71, 39.649,
114.446

■ 69, 74.155,
113.178

■ 71, 30.246,
115.122

■ 69, 76.365,
113.677

■ 72, 20.598,
115.825

■ 73, 10.815,
116.530

■ 73, 0.971, 117.226

■ 74, 8.884, 297.889

■ 75, 18.714,
298.528

■ 76, 28.493,
299.132

Harmonies

Complementary

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



70, 56.967, 113.318



38, 67.047, 303.613

Rectangle

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



70, 56.967, 113.318



70, 56.967, 163.318



70, 56.967, 293.318



70, 56.967, 343.318

Sweetspot

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



70, 56.968, 113.320



91, 21.889, 116.015



49, 45.189, 38.015



48, 15.182, 115.812



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 56.968, 113.320



88, 80.806, 112.930



67, 64.155, 131.750



38, 5.525, 116.648



59, 67.600, 113.548



8, 13.554, 120.239

Inverse Universe

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



38, 67.047, 303.613



41, 99.882, 305.314



44, 67.367, 317.088



35, 5.639, 297.967



18, 90.086, 307.205



1, 13.396, 295.682

Previews

White Background



This preview shows how the CIELCh color 70, 56.967, 113.318 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, 56.967, 113.318 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, 56.967, 113.318

Background



This preview shows how black text looks on a background with the CIELCh color 70, 56.967, 113.318.



This preview shows how white text looks on a background with the CIELCh color 70, 56.967, 113.318.

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, 56.967, 113.318

Protanopia
70, 54.120, 95.664

Deuteranopia
70, 51.387, 79.898



Tritanopia
70, 7.233, 299.640

Trichromacy



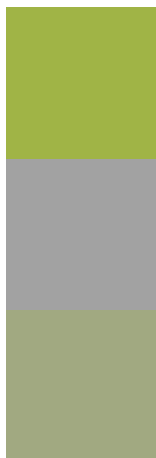
Original Color
70, 56.967, 113.318

Protanomaly
70, 54.226, 102.327

Deuteranomaly
70, 51.086, 92.910

Tritanomaly
70, 17.514, 114.958

Monochromacy



Original Color
70, 56.967, 113.318

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 22.044, 116.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 56.967, 113.318 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(160, 180, 70)` looks like.

```
.text, #text, p{  
    color:rgb(160, 180, 70)  
}
```

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(160, 180, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 180, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 56.967, 113.318 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(160, 180, 70) }
```

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

```
.border{ border-color:rgb(160, 180, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 180, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 180, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 180, 70);  
box-shadow:4px 4px 4px 4px rgb(160, 180,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 56.967, 113.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 180, 70) }
```

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

```
.background{ background-color: rgb(160,  
180, 70) }
```

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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