

Converting Colors

CIELCh(71, 17.287, 117.672)

Have a look what the booklet for
CIELCh(71, 17.287, 117.672)
contains.

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Color

CIELCh(71, 17.030, 117.859)

Conversions

Conversions Part 1

Format	Color
Hex	AAB192
RGB	170, 177, 146
RGB Percent	67%, 69%, 57%
CMY	0.3324, 0.3050, 0.4266
CMYK	0.04, 0.00, 0.17, 0.30
HSL	74°, 17%, 63%
HSV	74°, 17%, 70%
XYZ	37.5989, 42.1875, 33.4448
YIQ	171.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

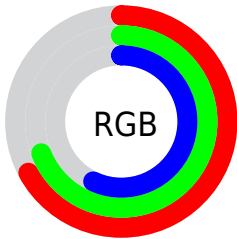
Format	Color
RYB	146, 177, 153
Decimal	11186578
CIELab	71.00, -7.96, 15.06
CIELCh	71, 17.030, 117.859
Yxy	42.1875, 0.3321, 0.3726
Android (android.graphics.Color)	4289376658 (0xFFAAB192)
YUV	171.3730, -12.5089, -1.2041
Hunter-Lab	64.9519, -10.3369, 14.9369

Details

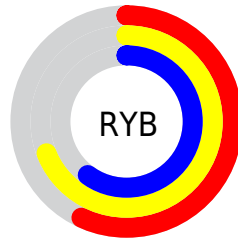
The CIELCh color **71, 17.030, 117.859** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 17.656, 300.230**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.269, 118.724**, and **51, 16.931, 116.746** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.657, 117.208**, and if you desaturate by 10%, it is **72, 7.307, 118.514**.

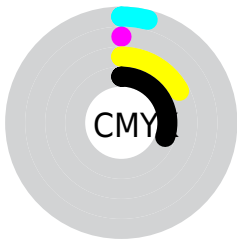
Distribution



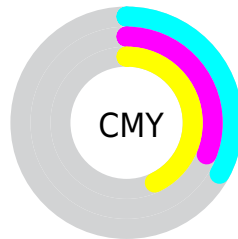
- Red (67%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)





- Cyan (33%)
- Magenta (31%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.030, 117.859 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 71, 17.030, 117.859 by changing the saturation by 10% instead.


 71, 17.030,
117.859


 71, 17.030,
117.859


 100, 17.030,
117.859


 61, 17.030,
117.859


 91, 17.030,
117.859

 51, 17.030,
117.859

 41, 17.030,
117.859

 31, 17.030,
117.859

 21, 17.030,
117.859

 11, 17.030,
117.859

 1, 17.030, 117.859

0, 17.030, 117.859

71, 17.030,
117.859

71, 17.030,
117.859

70, 26.657,
117.208

72, 7.307, 118.514

70, 36.090,
116.570

72, 2.452, 299.135

69, 45.187,
115.978

73, 12.200,
299.747

69, 53.739,
115.479

74, 21.907,
300.321

68, 61.438,
115.137

75, 31.548,
300.860

68, 67.881,
115.038

76, 41.106,
301.364

77, 42.563,

■ 68, 72.637,
115.276

302.914

■ 67, 75.545,
115.898

■ 77, 42.766,
304.636

■ 67, 76.170,
116.069

■ 77, 43.005,
306.357

Harmonies

Complementary

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



71, 17.030, 117.859



62, 17.656, 300.230

Rectangle

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



71, 17.030, 117.859



71, 17.030, 167.859



71, 17.030, 297.859



71, 17.030, 347.859

Sweetspot

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



71, 17.032, 117.863



91, 6.011, 118.670



65, 10.430, 40.979



48, 4.097, 118.626



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 17.032, 117.863



89, 25.190, 117.610



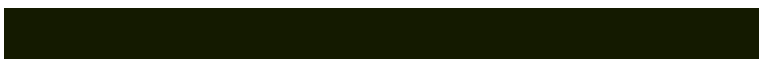
70, 19.012, 135.483



37, 5.552, 118.396



59, 68.301, 115.931



8, 13.660, 122.354

Inverse Universe

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



62, 17.656, 300.230



76, 26.332, 300.547



63, 19.248, 316.985



35, 5.663, 299.610



19, 89.570, 307.601



1, 13.433, 297.004

Previews

White Background



This preview shows how the CIELCh color 71, 17.030, 117.859 looks on a white background.

Color Contrast Check

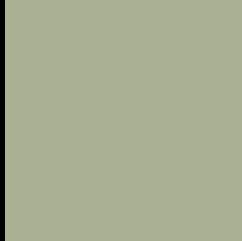
Large Text (above 18pt) WCAG AA × Fail

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 71, 17.030, 117.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

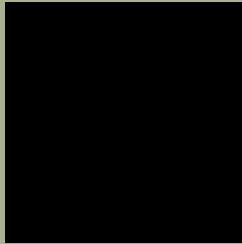
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

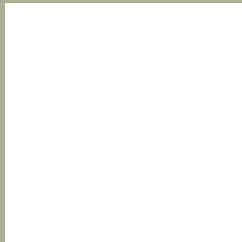
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 17.030, 117.859

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.030, 117.859.

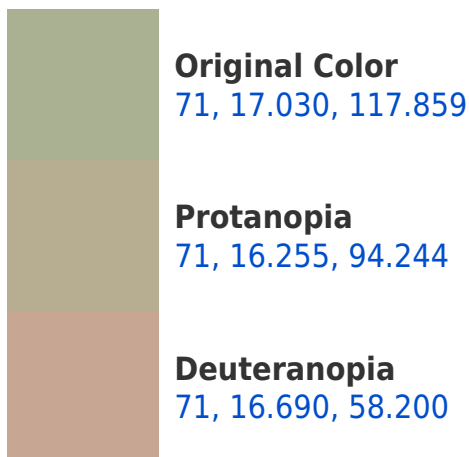



This preview shows how white text looks on a background with the CIELCh color 71, 17.030, 117.859.

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
71, 7.278, 302.485

Trichromacy



Original Color
71, 17.030, 117.859

Protanomaly
71, 16.302, 104.326

Deuteranomaly
71, 14.960, 79.881

Tritanomaly
71, 1.626, 109.981

Monochromacy



Original Color
71, 17.030, 117.859

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 6.106, 120.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.030, 117.859 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(170, 177, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 177, 146)  
}
```

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(170, 177, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 177, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.030, 117.859 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(170, 177, 146) }
```

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

```
.border{ border-color:rgb(170, 177, 146) }
```

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

Here you see how a box with a 4 pixel rgb(170, 177, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 177, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 177, 146);  
box-shadow:4px 4px 4px 4px rgb(170, 177,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.030, 117.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 177, 146) }
```

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

```
.background{ background-color: rgb(170,  
177, 146) }
```

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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