

Converting Colors

CIELCh(70, 18.882, 123.619)

Have a look what the booklet for
CIELCh(70, 18.882, 123.619)
contains.

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Color

CIELCh(70, 19.177, 123.885)

Conversions

Conversions Part 1

Format	Color
Hex	A3B08E
RGB	163, 176, 142
RGB Percent	64%, 69%, 56%
CMY	0.3611, 0.3101, 0.4434
CMYK	0.07, 0.00, 0.19, 0.31
HSL	83°, 18%, 62%
HSV	83°, 19%, 69%
XYZ	35.4755, 40.7494, 31.5573
YIQ	168.2370, 3.1660, -13.3300

Conversions

Conversions Part 2

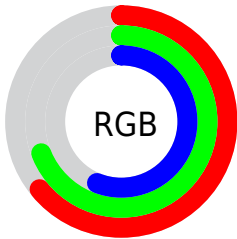
Format	Color
RYB	142, 176, 155
Decimal	10727566
CIELab	70.00, -10.69, 15.92
CIELCh	70, 19.177, 123.885
Yxy	40.7494, 0.3291, 0.3781
Android (android.graphics.Color)	4288917646 (0xFFA3B08E)
YUV	168.2370, -12.9348, -4.5928
Hunter-Lab	63.8353, -12.5130, 15.3743

Details

The CIELCh color **70, 19.177, 123.885** is a light color, and the websafe version is hex **999966**. A complement of this color would be **61, 19.815, 305.906**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.316, 124.315**, and **50, 19.311, 124.493** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.013, 123.364**, and if you desaturate by 10%, it is **71, 9.258, 124.407**.

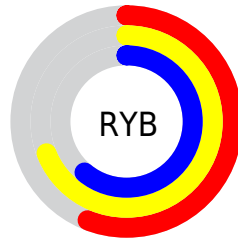
Distribution



Red (64%)

Green (69%)

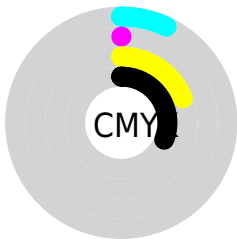
Blue (56%)



Red (56%)

Yellow (69%)

Blue (61%)

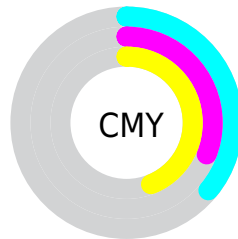


Cyan (7%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (36%)


Magenta (31%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 19.177, 123.885 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, 19.177, 123.885 by changing the saturation by 10% instead.


 70, 19.177,
123.885


 70, 19.177,
123.885


 100, 19.177,
123.885


 60, 19.177,
123.885


 90, 19.177,
123.885

 50, 19.177,
123.885

 40, 19.177,
123.885

 30, 19.177,
123.885

 20, 19.177,
123.885

 10, 19.177,
123.885

 0, 19.177, 123.885

70, 19.177,
123.885

70, 19.177,
123.885

69, 29.013,
123.364

71, 9.258, 124.407

68, 38.657,
122.856

72, 0.677, 304.788

68, 47.959,
122.399

73, 10.576,
305.351

67, 56.695,
122.049

74, 20.403,
305.788

67, 64.550,
121.885

75, 30.130,
306.188

66, 71.117,
122.015

76, 39.740,
306.554

66, 75.984,
122.557

77, 44.073,
308.322

65, 79.196,

78, 44.614,
311.135

123.497

■ 78, 45.253,
313.914

■ 65, 79.400,
123.559

Harmonies

Complementary

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



70, 19.177, 123.885



61, 19.815, 305.906

Rectangle

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



70, 19.177, 123.885



70, 19.177, 173.885



70, 19.177, 303.885



70, 19.177, 353.885

Sweetspot

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



70, 19.179, 123.888



90, 7.388, 124.572



65, 11.131, 58.073



48, 4.896, 124.540



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, 19.179, 123.888



88, 28.306, 123.674



69, 21.871, 139.758



36, 5.554, 124.408



56, 70.650, 123.359



6, 11.990, 128.301

Inverse Universe

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



61, 19.815, 305.906



75, 29.460, 306.157



63, 22.003, 321.653



34, 5.646, 305.328



20, 86.104, 309.729



1, 11.637, 302.247

Previews

White Background



This preview shows how the CIELCh color 70, 19.177, 123.885 looks on a white background.

Color Contrast Check

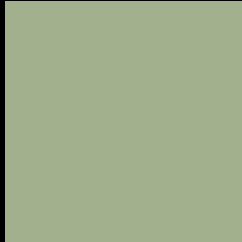
Large Text (above 18pt) WCAG AA × Fail

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, 19.177, 123.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

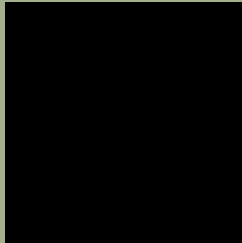
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.177, 123.885

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.177, 123.885.



This preview shows how white text looks on a background with the CIELCh color 70, 19.177, 123.885.

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, 19.177, 123.885

Protanopia
70, 17.875, 95.271

Deuteranopia
70, 17.456, 58.636



Tritanopia
70, 7.677, 288.237

Trichromacy



Original Color
70, 19.177, 123.885

Protanomaly
70, 17.920, 107.074

Deuteranomaly
70, 15.307, 82.061

Tritanomaly
70, 2.506, 158.552

Monochromacy



Original Color
70, 19.177, 123.885

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.849, 125.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.177, 123.885 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(163, 176, 142)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 142)  
}
```

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(163, 176, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.177, 123.885 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(163, 176, 142) }
```

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

```
.border{ border-color:rgb(163, 176, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 142);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.177, 123.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 142) }
```

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

```
.background{ background-color: rgb(163,  
176, 142) }
```

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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