

Converting Colors

CIELCh(70, 9.926, 126.136)

Have a look what the booklet for
CIELCh(70, 9.926, 126.136) contains.

CIELCh(70, 10.306, 126.638)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 10.306, 126.638)

Conversions

Conversions Part 1

Format	Color
Hex	A6AE9C
RGB	166, 174, 156
RGB Percent	65%, 68%, 61%
CMY	0.3492, 0.3179, 0.3884
CMYK	0.05, 0.00, 0.10, 0.32
HSL	87°, 10%, 65%
HSV	87°, 10%, 68%
XYZ	36.8351, 40.7494, 37.3518
YIQ	169.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

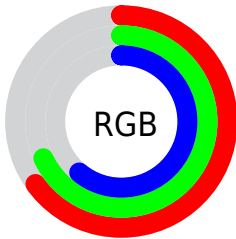
Format	Color
RYB	156, 174, 164
Decimal	10923676
CIELab	70.00, -6.15, 8.27
CIELCh	70, 10.306, 126.638
Yxy	40.7494, 0.3205, 0.3545
Android (android.graphics.Color)	4289113756 (0xFFA6AE9C)
YUV	169.5560, -6.6831, -3.1186
Hunter-Lab	63.8353, -8.7112, 9.9925

Details

The CIELCh color **70, 10.306, 126.638** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 10.476, 307.588**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.281, 125.877**, and **50, 10.448, 127.431** is the 20% darker color. If you saturate the color by 10%, you get **69, 20.271, 126.155**, and if you desaturate by 10%, it is **71, 0.339, 127.358**.

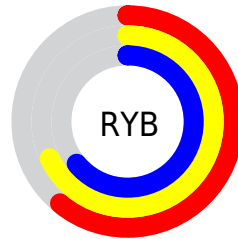
Distribution



Red (65%)

Green (68%)

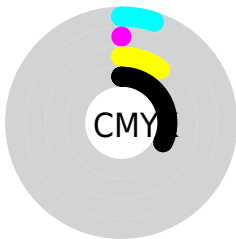
Blue (61%)



Red (61%)

Yellow (68%)

Blue (64%)

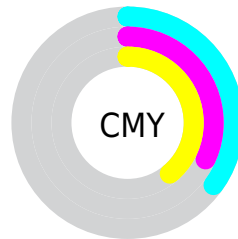


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (35%)


Magenta (32%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.306, 126.638 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, 10.306, 126.638 by changing the saturation by 10% instead.


 70, 10.306,
126.638


 70, 10.306,
126.638


 100, 10.306,
126.638


 60, 10.306,
126.638


 90, 10.306,
126.638

 50, 10.306,
126.638

 40, 10.306,
126.638

 30, 10.306,
126.638

 20, 10.306,
126.638

 10, 10.306,
126.638

 0, 10.306, 126.638

70, 10.306,
126.638

70, 10.306,
126.638

69, 20.271,
126.155

71, 0.339, 127.358

68, 30.151,
125.660

72, 9.583, 307.513

67, 39.840,
125.179

73, 19.418,
307.914

67, 49.178,
124.748

75, 29.140,
308.276

66, 57.936,
124.426

76, 38.728,
308.605

65, 65.790,
124.298

77, 45.483,
309.777

65, 72.333,
124.479

78, 46.158,
312.905

64, 77.166,

78, 46.956,
315.981

125.085

79, 47.875,
318.990

64, 80.362,
126.018

Harmonies

Complementary

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



70, 10.306, 126.638



66, 10.476, 307.588

Rectangle

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



70, 10.306, 126.638



70, 10.306, 176.638



70, 10.306, 306.638



70, 10.306, 356.638

Sweetspot

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



70, 10.308, 126.642



90, 3.698, 127.001



68, 5.835, 66.685



48, 2.828, 126.959



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, 10.308, 126.642



89, 14.842, 126.552



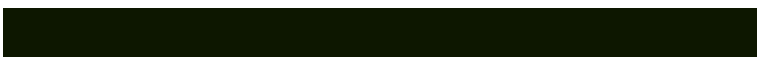
69, 11.809, 142.108



36, 5.623, 126.692



56, 72.097, 125.825



6, 12.153, 130.428

Inverse Universe

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



66, 10.476, 307.588



82, 15.122, 307.683



66, 11.841, 323.139



34, 5.707, 307.535



22, 85.023, 310.889



1, 11.731, 304.130

Previews

White Background



This preview shows how the CIELCh color 70, 10.306, 126.638 looks on a white background.

Color Contrast Check

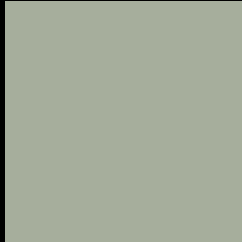
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 10.306, 126.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

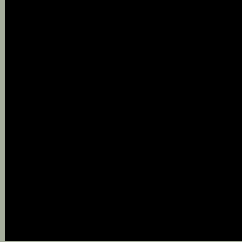
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

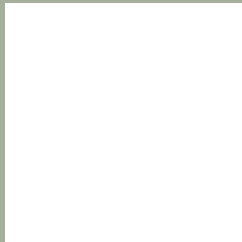
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.306, 126.638

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.306, 126.638.



This preview shows how white text looks on a background with the CIELCh color 70, 10.306, 126.638.

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, 10.306, 126.638

Protanopia
70, 9.268, 89.439

Deuteranopia
70, 11.347, 39.803



Tritanopia
70, 7.126, 290.895

Trichromacy



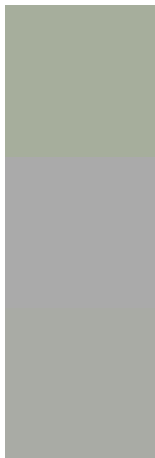
Original Color
70, 10.306, 126.638

Protanomaly
70, 8.796, 101.627

Deuteranomaly
70, 8.412, 65.100

Tritanomaly
70, 1.321, 255.946

Monochromacy



Original Color
70, 10.306, 126.638

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.368, 122.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.306, 126.638 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(166, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(166, 174, 156)  
}
```

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(166, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 174, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.306, 126.638 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(166, 174, 156) }
```

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

```
.border{ border-color:rgb(166, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(166, 174,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.306, 126.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 174, 156) }
```

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

```
.background{ background-color: rgb(166,  
174, 156) }
```

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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