

Converting Colors

CIELCh(70, 7.248, 176.606)

Have a look what the booklet for
CIELCh(70, 7.248, 176.606) contains.

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Color

CIELCh(70, 7.246, 176.643)

Conversions

Conversions Part 1

Format	Color
Hex	9DAFAA
RGB	157, 175, 170
RGB Percent	62%, 69%, 67%
CMY	0.3842, 0.3136, 0.3332
CMYK	0.10, 0.00, 0.03, 0.31
HSL	163°, 10%, 65%
HSV	163°, 10%, 69%
XYZ	36.5077, 40.7494, 43.9894
YIQ	169.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

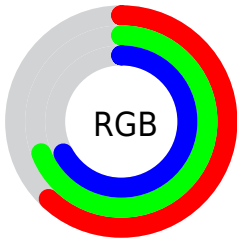
Format	Color
RYB	157, 167, 175
Decimal	10334122
CIELab	70.00, -7.23, 0.42
CIElCh	70, 7.246, 176.643
Yxy	40.7494, 0.3011, 0.3361
Android (android.graphics.Color)	4288524202 (0xFF9DAFAA)
YUV	169.0480, 0.4693, -10.5661
Hunter-Lab	63.8353, -9.6268, 3.8275

Details

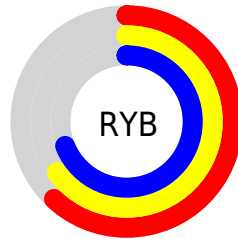
The CIELCh color $70, 7.246, 176.643$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 7.479, 358.426$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 7.434, 174.188$, and $50, 7.348, 175.181$ is the 20% darker color. If you saturate the color by 10%, you get $69, 14.139, 175.636$, and if you desaturate by 10%, it is $71, 0.199, 179.698$.

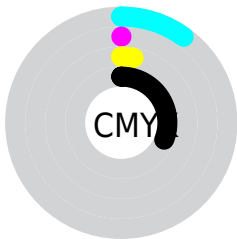
Distribution



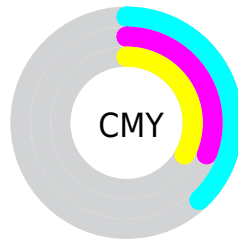
- Red (62%)
- Green (69%)
- Blue (67%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.246, 176.643 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, 7.246, 176.643 by changing the saturation by 10% instead.

■ 70, 7.246, 176.643

■ 70, 7.246, 176.643

■ 100, 7.246,
176.643

■ 60, 7.246, 176.643

■ 90, 7.246, 176.643

■ 50, 7.246, 176.643

■ 40, 7.246, 176.643

■ 30, 7.246, 176.643

■ 20, 7.246, 176.643

■ 10, 7.246, 176.643

■ 0, 7.246, 176.643

■ 70, 7.246, 176.643

■ 70, 7.246, 176.643

■ 69, 14.139,

■ 71, 0.199, 179.698

175.636

73, 6.923, 358.279

68, 20.773,
174.583

75, 14.048,
359.127

67, 27.037,
173.446

77, 21.122,
359.915

66, 32.814,
172.202

78, 28.108, 0.665

65, 37.996,
170.829

80, 32.498,
359.344

64, 42.495,
169.303

80, 33.322,
355.151

64, 46.261,
167.600

80, 34.331,
351.198

64, 49.299,
165.708

80, 35.508,
347.505

64, 51.729,
163.752

Harmonies

Complementary

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



70, 7.246, 176.643



66, 7.479, 358.426

Rectangle

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



70, 7.246, 176.643



70, 7.246, 226.643



70, 7.246, 356.643



70, 7.246, 46.643

Sweetspot

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



70, 7.247, 176.635



90, 2.621, 177.441



70, 11.035, 135.832



48, 2.003, 177.327



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, 7.247, 176.635



88, 10.426, 176.444



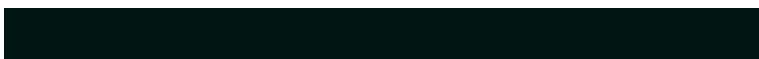
69, 5.538, 221.890



36, 3.962, 176.734



55, 46.077, 164.031



6, 8.881, 171.615

Inverse Universe

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



66, 7.479, 358.426



83, 10.822, 358.633



67, 5.895, 41.078



34, 4.076, 358.320



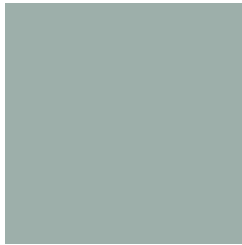
31, 59.465, 22.069



2, 8.247, 1.236

Previews

White Background



This preview shows how the CIELCh color 70, 7.246, 176.643 looks on a white background.

Color Contrast Check

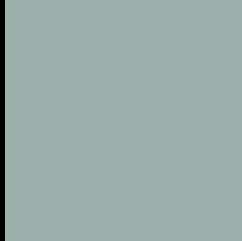
Large Text (above 18pt) WCAG AA × Fail

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, 7.246, 176.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

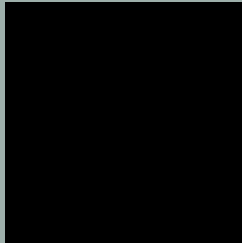
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

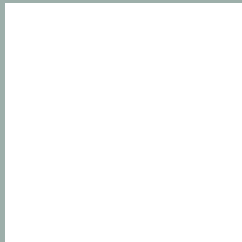
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.246, 176.643

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.246, 176.643.



This preview shows how white text looks on a background with the CIELCh color 70, 7.246, 176.643.

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, 7.246, 176.643

Protanopia

70, 2.498, 60.259

Deuteranopia

70, 9.235, 355.785



Tritanopia
70, 8.401, 257.331

Trichromacy



Original Color
70, 7.246, 176.643

Protanomaly
70, 2.666, 144.401

Deuteranomaly
70, 2.878, 357.168

Tritanomaly
70, 6.283, 230.681

Monochromacy



Original Color
70, 7.246, 176.643

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.513, 173.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.246, 176.643 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(157, 175, 170)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 170)  
}
```

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(157, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.246, 176.643 is called "border". The border property can be set on classes, ids or directly on the HTML element.

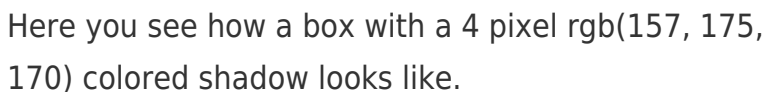
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 175, 170) }
```

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

```
.border{ border-color:rgb(157, 175, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(157, 175,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.246, 176.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 170) }
```

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

```
.background{ background-color: rgb(157,  
175, 170) }
```

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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