

Converting Colors

CIELCh(72, 10.785, 125.898)

Have a look what the booklet for
CIELCh(72, 10.785, 125.898)
contains.

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Color

CIELCh(72, 10.769, 125.770)

Conversions

Conversions Part 1

Format	Color
Hex	ABB3A0
RGB	171, 179, 160
RGB Percent	67%, 70%, 63%
CMY	0.3278, 0.2964, 0.3710
CMYK	0.04, 0.00, 0.11, 0.30
HSL	85°, 11%, 67%
HSV	85°, 11%, 70%
XYZ	39.4647, 43.6590, 39.7883
YIQ	174.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

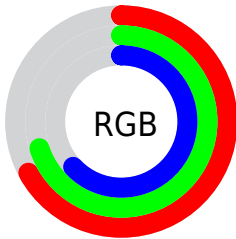
Format	Color
RYB	160, 179, 168
Decimal	11252640
CIELab	72.00, -6.29, 8.74
CIELCh	72, 10.769, 125.770
Yxy	43.6590, 0.3211, 0.3552
Android (android.graphics.Color)	4289442720 (0xFFABB3A0)
YUV	174.4420, -7.1199, -3.0186
Hunter-Lab	66.0750, -9.0182, 10.5499

Details

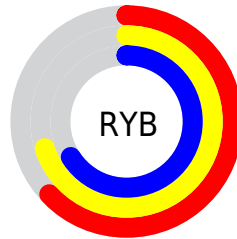
The CIELCh color $72, 10.769, 125.770$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 10.958, 306.777$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.835, 126.919$, and $52, 10.257, 125.304$ is the 20% darker color. If you saturate the color by 10%, you get $71, 20.931, 125.275$, and if you desaturate by 10%, it is $73, 0.597, 126.381$.

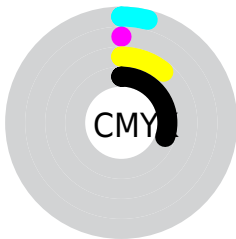
Distribution



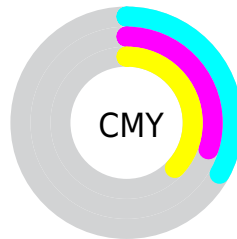
- Red (67%)
- Green (70%)
- Blue (63%)



- Red (63%)
- Yellow (70%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)





- Cyan (33%)
- Magenta (30%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.769, 125.770 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 72, 10.769, 125.770 by changing the saturation by 10% instead.


 72, 10.769,
125.770


 72, 10.769,
125.770


 100, 10.769,
125.770


 62, 10.769,
125.770


 92, 10.769,
125.770

 52, 10.769,
125.770

 42, 10.769,
125.770

 32, 10.769,
125.770

 22, 10.769,
125.770

 12, 10.769,
125.770

 2, 10.769, 125.770

0, 10.769, 125.770

72, 10.769,
125.770

72, 10.769,
125.770

71, 20.931,
125.275

73, 0.597, 126.381

70, 30.999,
124.770

74, 9.536, 306.676

69, 40.863,
124.282

75, 19.588,
307.092

69, 50.357,
123.848

77, 29.531,
307.470

68, 59.243,
123.528

78, 39.344,
307.815

67, 67.184,
123.409

79, 42.435,
310.322

79, 43.151,

■ 67, 73.759,
123.603

313.605

■ 66, 78.560,
124.229

■ 80, 43.995,
316.818

■ 66, 81.616,
125.158

■ 81, 44.964,
319.943

Harmonies

Complementary

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



72, 10.769, 125.770



67, 10.958, 306.777

Rectangle

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



72, 10.769, 125.770



72, 10.769, 175.770



72, 10.769, 305.770



72, 10.769, 355.770

Sweetspot

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



72, 10.771, 125.774



92, 3.748, 126.154



70, 6.093, 64.723



49, 2.866, 126.110



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 10.771, 125.774



90, 16.292, 125.644



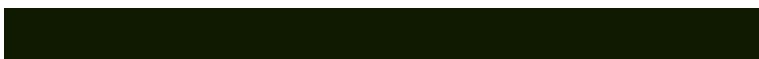
71, 12.335, 141.642



37, 5.732, 125.837



57, 72.447, 124.953



7, 14.241, 130.205

Inverse Universe

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



67, 10.958, 306.777



83, 16.638, 306.916



68, 12.373, 322.681



35, 5.821, 306.710



22, 86.508, 310.415



1, 13.685, 302.758

Previews

White Background



This preview shows how the CIELCh color 72, 10.769, 125.770 looks on a white background.

Color Contrast Check

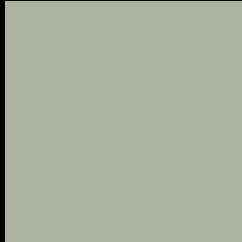
Large Text (above 18pt) WCAG AA × Fail

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 72, 10.769, 125.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

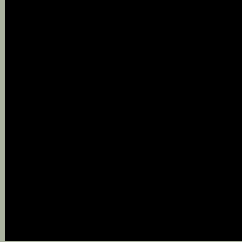
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

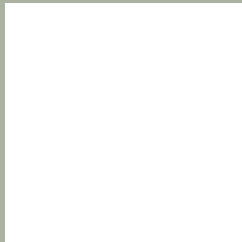
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.769, 125.770

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.769, 125.770.



This preview shows how white text looks on a background with the CIELCh color 72, 10.769, 125.770.

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
72, 10.769, 125.770

Protanopia
72, 10.238, 91.375

Deuteranopia
72, 12.244, 40.915



Tritanopia
72, 7.647, 293.647

Trichromacy



Original Color
72, 10.769, 125.770

Protanomaly
72, 9.779, 104.644

Deuteranomaly
72, 9.038, 65.665

Tritanomaly
72, 1.548, 244.445

Monochromacy



Original Color
72, 10.769, 125.770

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 3.974, 126.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.769, 125.770 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(171, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 160)  
}
```

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(171, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.769, 125.770 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(171, 179, 160) }
```

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

```
.border{ border-color:rgb(171, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.769, 125.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 160) }
```

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

```
.background{ background-color: rgb(171,  
179, 160) }
```

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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