

Converting Colors

CIELCh(72, 11.554, 129.762)

Have a look what the booklet for
CIELCh(72, 11.554, 129.762)
contains.

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Color

CIELCh(72, 11.662, 130.333)

Conversions

Conversions Part 1

Format	Color
Hex	A9B4A0
RGB	169, 180, 160
RGB Percent	66%, 71%, 63%
CMY	0.3369, 0.2938, 0.3722
CMYK	0.06, 0.00, 0.11, 0.29
HSL	93°, 12%, 67%
HSV	93°, 11%, 71%
XYZ	39.0683, 43.6590, 39.6613
YIQ	174.4310, -0.1360, -8.5520

Conversions

Conversions Part 2

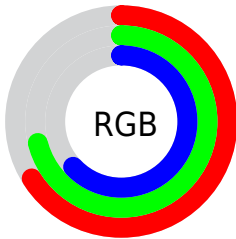
Format	Color
RYB	160, 180, 171
Decimal	11121824
CIELab	72.00, -7.55, 8.89
CIELCh	72, 11.662, 130.333
Yxy	43.6590, 0.3192, 0.3567
Android (android.graphics.Color)	4289311904 (0xFFA9B4A0)
YUV	174.4310, -7.1145, -4.7630
Hunter-Lab	66.0750, -10.0891, 10.6638

Details

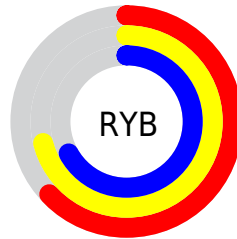
The CIELCh color **72, 11.662, 130.333** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 11.826, 311.263**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.695, 131.159**, and **52, 11.210, 130.403** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.189, 129.872**, and if you desaturate by 10%, it is **73, 1.153, 130.861**.

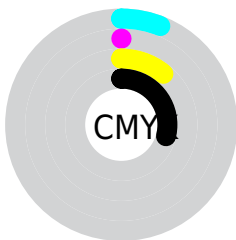
Distribution



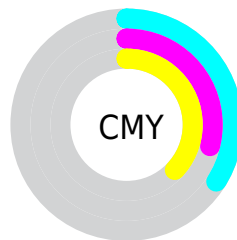
- Red (66%)
- Green (71%)
- Blue (63%)



- Red (63%)
- Yellow (71%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)





- Cyan (34%)
- Magenta (29%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.662, 130.333 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, 11.662, 130.333 by changing the saturation by 10% instead.


 72, 11.662,
130.333


 72, 11.662,
130.333


 100, 11.662,
130.333


 62, 11.662,
130.333


 92, 11.662,
130.333

 52, 11.662,
130.333

 42, 11.662,
130.333

 32, 11.662,
130.333

 22, 11.662,
130.333

 12, 11.662,
130.333

 2, 11.662, 130.333

0, 11.662, 130.333

72, 11.662,
130.333

72, 11.662,
130.333

71, 22.189,
129.872

73, 1.153, 130.861

70, 32.640,
129.391

74, 9.283, 311.131

69, 42.894,
128.914

76, 19.598,
311.491

68, 52.773,
128.477

77, 29.762,
311.810

67, 62.024,
128.140

79, 39.754,
312.092

67, 70.298,
127.995

80, 43.185,
315.295

81, 44.409,

■ 66, 77.163,
128.160

319.468

■ 66, 82.208,
128.757

■ 82, 45.841,
323.466

■ 65, 85.331,
129.574

■ 82, 46.915,
326.047

Harmonies

Complementary

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



72, 11.662, 130.333



67, 11.826, 311.263

Rectangle

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



72, 11.662, 130.333



72, 11.662, 180.333



72, 11.662, 310.333



72, 11.662, 0.333

Sweetspot

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



72, 11.664, 130.336



92, 3.889, 130.712



70, 6.929, 79.207



49, 2.948, 130.670



96, 0.011, 296.813



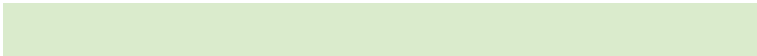
49, 0.007, 296.813

Same Dimension

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



72, 11.664, 130.336



91, 16.932, 130.240



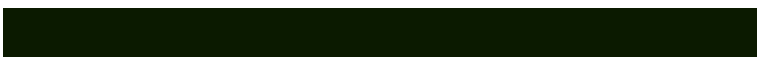
71, 12.884, 145.162



37, 5.901, 130.417



56, 75.503, 129.369



7, 14.659, 134.155

Inverse Universe

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



67, 11.826, 311.263



84, 17.206, 311.359



68, 12.903, 326.404



35, 5.972, 311.181



24, 84.191, 313.261



1, 13.962, 306.913

Previews

White Background



This preview shows how the CIELCh color 72, 11.662, 130.333 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 72, 11.662, 130.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

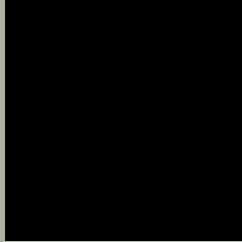
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

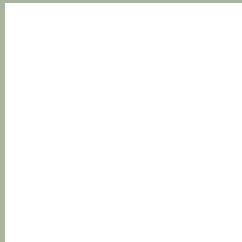
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 11.662, 130.333

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.662, 130.333.



This preview shows how white text looks on a background with the CIELCh color 72, 11.662, 130.333.

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, 11.662, 130.333

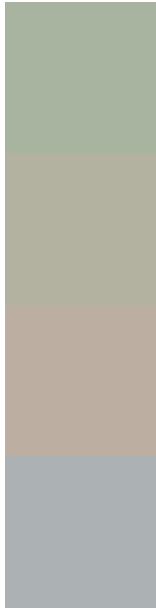
Protanopia
72, 10.238, 91.375

Deuteranopia
72, 12.244, 40.915



Tritanopia
72, 7.648, 285.510

Trichromacy



Original Color
72, 11.662, 130.333

Protanomaly
72, 9.779, 104.644

Deuteranomaly
72, 8.926, 71.642

Tritanomaly
72, 2.132, 230.256

Monochromacy



Original Color
72, 11.662, 130.333

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 4.103, 131.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.662, 130.333 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(169, 180, 160)` looks like.

```
.text, #text, p{  
    color:rgb(169, 180, 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(169, 180, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 180, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.662, 130.333 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(169, 180, 160) }
```

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

```
.border{ border-color:rgb(169, 180, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 180, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 180, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 180, 160);  
box-shadow:4px 4px 4px 4px rgb(169, 180,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.662, 130.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 180, 160) }
```

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

```
.background{ background-color: rgb(169,  
180, 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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