

Converting Colors

CIELCh(71, 11.649, 142.593)

Have a look what the booklet for
CIELCh(71, 11.649, 142.593)
contains.

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Color

CIELCh(71, 11.127, 142.365)

Conversions

Conversions Part 1

Format	Color
Hex	A2B2A1
RGB	162, 178, 161
RGB Percent	64%, 70%, 63%
CMY	0.3640, 0.3013, 0.3680
CMYK	0.09, 0.00, 0.10, 0.30
HSL	116°, 10%, 67%
HSV	116°, 10%, 70%
XYZ	37.3372, 42.1875, 39.9714
YIQ	171.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

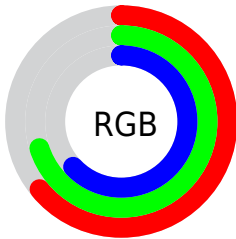
Format	Color
RYB	161, 178, 177
Decimal	10662561
CIELab	71.00, -8.81, 6.79
CIELCh	71, 11.127, 142.365
Yxy	42.1875, 0.3125, 0.3530
Android (android.graphics.Color)	4288852641 (0xFFA2B2A1)
YUV	171.2780, -5.0671, -8.1368
Hunter-Lab	64.9519, -11.0562, 8.9793

Details

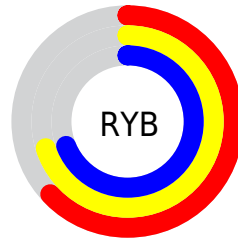
The CIELCh color **71, 11.127, 142.365** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 11.157, 323.318**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.192, 142.556**, and **51, 11.177, 142.093** is the 20% darker color. If you saturate the color by 10%, you get **69, 22.893, 141.730**, and if you desaturate by 10%, it is **73, 0.536, 322.462**.

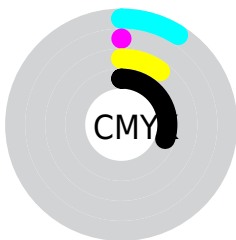
Distribution



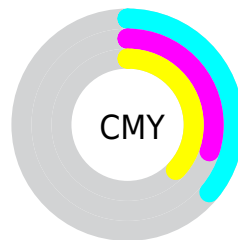
- Red (64%)
- Green (70%)
- Blue (63%)



- Red (63%)
- Yellow (70%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)





- Cyan (36%)
- Magenta (30%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.127, 142.365 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 71, 11.127, 142.365 by changing the saturation by 10% instead.


 71, 11.127,
142.365


 71, 11.127,
142.365


 100, 11.127,
142.365


 61, 11.127,
142.365


 91, 11.127,
142.365

 51, 11.127,
142.365

 41, 11.127,
142.365

 31, 11.127,
142.365

 21, 11.127,
142.365

 11, 11.127,
142.365

 1, 11.127, 142.365

0, 11.127, 142.365

71, 11.127,
142.365

71, 11.127,
142.365

69, 22.893,
141.730

73, 0.536, 322.462

68, 34.610,
141.002

75, 11.998,
323.317

67, 46.083,
140.177

77, 23.190,
323.713

66, 57.051,
139.266

79, 34.069,
324.044

65, 67.183,
138.306

81, 44.613,
324.323

64, 76.065,
137.371

82, 48.092,
326.087

■ 64, 83.226,
136.577

■ 64, 88.220,
136.056

■ 63, 91.095,
135.781

Harmonies

Complementary

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



71, 11.127, 142.365



68, 11.157, 323.318

Rectangle

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



71, 11.127, 142.365



71, 11.127, 192.365



71, 11.127, 322.365



71, 11.127, 12.365

Sweetspot

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



71, 11.129, 142.366



91, 4.310, 142.766



72, 8.610, 106.401



49, 3.297, 142.711



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 11.129, 142.366



90, 15.915, 142.266



71, 8.300, 159.523



37, 6.612, 142.379



55, 81.459, 135.710



7, 16.024, 143.226

Inverse Universe

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



68, 11.157, 323.318



86, 15.955, 323.404



68, 8.379, 340.922



35, 6.629, 323.306



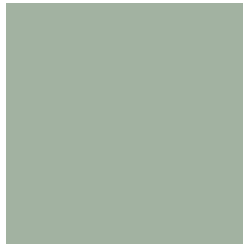
34, 79.178, 325.963



2, 15.810, 322.030

Previews

White Background



This preview shows how the CIELCh color 71, 11.127, 142.365 looks on a white background.

Color Contrast Check

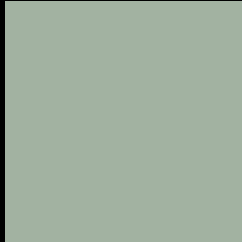
Large Text (above 18pt) WCAG AA × Fail

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 71, 11.127, 142.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

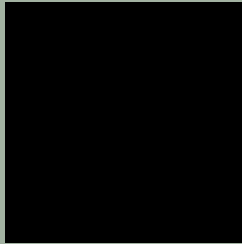
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

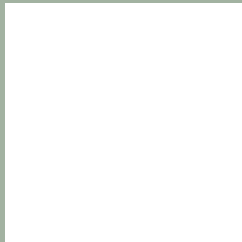
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 11.127, 142.365

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.127, 142.365.

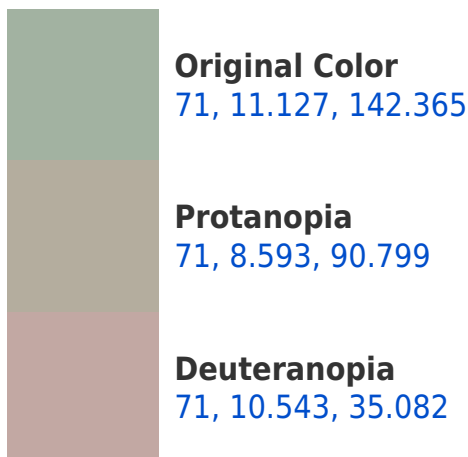


This preview shows how white text looks on a background with the CIELCh color 71, 11.127, 142.365.

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](#).

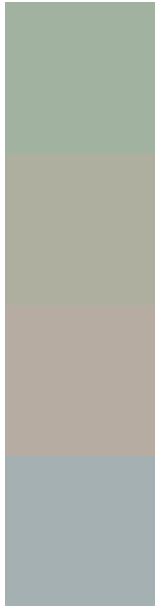
Dichromacy





Tritanopia
71, 8.110, 270.218

Trichromacy



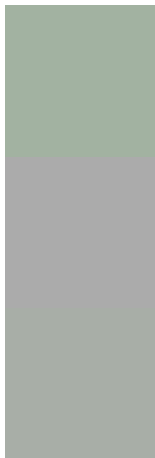
Original Color
71, 11.127, 142.365

Protanomaly
71, 8.704, 111.856

Deuteranomaly
71, 6.671, 74.044

Tritanomaly
71, 4.163, 214.428

Monochromacy



Original Color
71, 11.127, 142.365

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.460, 140.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.127, 142.365 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(162, 178, 161)` looks like.

```
.text, #text, p{  
    color:rgb(162, 178, 161)  
}
```

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(162, 178, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 178, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.127, 142.365 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(162, 178, 161) }
```

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

```
.border{ border-color:rgb(162, 178, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 178, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 178, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 178, 161);  
box-shadow:4px 4px 4px 4px rgb(162, 178,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.127, 142.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 178, 161) }
```

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

```
.background{ background-color: rgb(162,  
178, 161) }
```

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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