

Converting Colors

CIELCh(78, 11.476, 149.733)

Have a look what the booklet for
CIELCh(78, 11.476, 149.733)
contains.

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Color

CIELCh(78, 11.372, 149.898)

Conversions

Conversions Part 1

Format	Color
Hex	B2C6B6
RGB	178, 198, 182
RGB Percent	70%, 78%, 71%
CMY	0.3021, 0.2236, 0.2864
CMYK	0.10, 0.00, 0.08, 0.22
HSL	132°, 15%, 74%
HSV	132°, 10%, 78%
XYZ	46.9809, 53.2120, 52.0346
YIQ	190.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

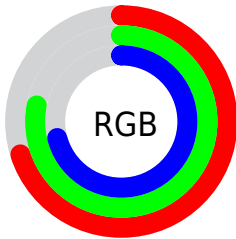
Format	Color
RYB	178, 195, 198
Decimal	11716278
CIELab	78.00, -9.84, 5.70
CIElCh	78, 11.372, 149.898
Yxy	53.2120, 0.3086, 0.3496
Android (android.graphics.Color)	4289906358 (0xFFB2C6B6)
YUV	190.1960, -4.0406, -10.6959
Hunter-Lab	72.9466, -12.6944, 8.7695

Details

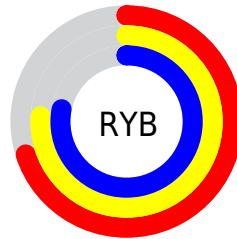
The CIELCh color **78, 11.372, 149.898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 11.410, 331.126**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.451, 149.697**, and **58, 11.387, 150.059** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.720, 149.130**, and if you desaturate by 10%, it is **80, 0.108, 153.358**.

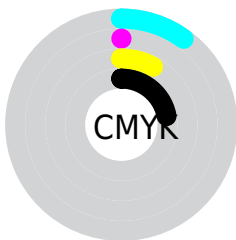
Distribution



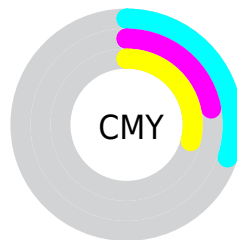
- Red (70%)
- Green (78%)
- Blue (71%)



- Red (70%)
- Yellow (76%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)




- Cyan (30%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 11.372, 149.898 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 78, 11.372, 149.898 by changing the saturation by 10% instead.

 78, 11.372,
149.898

 78, 11.372,
149.898


 100, 11.372,
149.898


 68, 11.372,
149.898


 98, 11.372,
149.898

 58, 11.372,
149.898

 48, 11.372,
149.898

 38, 11.372,
149.898

 28, 11.372,
149.898

 18, 11.372,
149.898

 8, 11.372, 149.898

0, 11.372, 149.898

78, 11.372,
149.898

78, 11.372,
149.898

76, 22.720,
149.130

80, 0.108, 153.358

75, 34.004,
148.250

82, 10.973,
331.057

74, 45.046,
147.234

84, 21.794,
331.563

72, 55.629,
146.063

86, 31.844,
330.876

72, 65.511,
144.731

86, 35.767,
325.668

71, 74.440,
143.246

■ 70, 82.172,
141.642

■ 70, 88.494,
139.992

■ 70, 93.283,
138.484

Harmonies

Complementary

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



78, 11.372, 149.898



75, 11.410, 331.126

Rectangle

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



78, 11.372, 149.898



78, 11.372, 199.898



78, 11.372, 329.898



78, 11.372, 19.898

Sweetspot

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



78, 11.374, 149.897



99, 4.122, 150.429



79, 10.725, 116.651



53, 3.128, 150.359



0, 0.000, 0.000



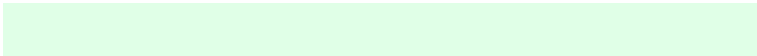
53, 0.007, 296.813

Same Dimension

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



78, 11.374, 149.897



97, 16.610, 149.745



78, 8.053, 173.946



41, 6.405, 149.949



58, 80.370, 138.722



11, 24.113, 147.280

Inverse Universe

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



75, 11.410, 331.126



92, 16.664, 331.262



74, 8.276, 355.716



39, 6.425, 331.079



37, 70.967, 338.043



4, 22.447, 335.020

Previews

White Background



This preview shows how the CIELCh color 78, 11.372, 149.898 looks on a white background.

Color Contrast Check

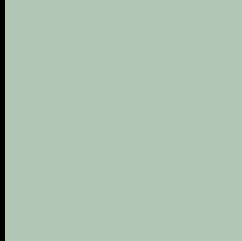
Large Text (above 18pt) WCAG AA × Fail

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 78, 11.372, 149.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

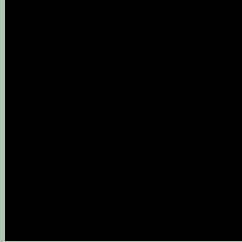
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

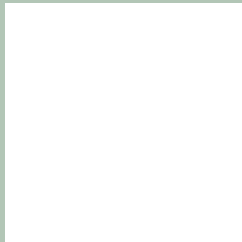
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 11.372, 149.898

Background



This preview shows how black text looks on a background with the CIELCh color 78, 11.372, 149.898.

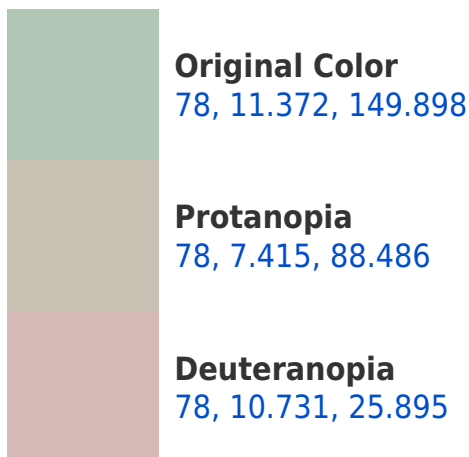


This preview shows how white text looks on a background with the CIELCh color 78, 11.372, 149.898.

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](#).

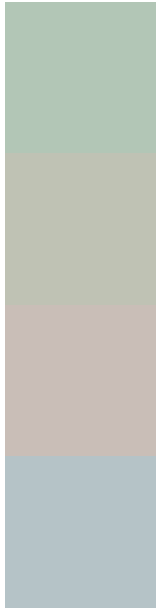
Dichromacy





Tritanopia
78, 8.981, 262.994

Trichromacy



Original Color
78, 11.372, 149.898

Protanomaly
78, 7.560, 118.075

Deuteranomaly
78, 5.576, 61.591

Tritanomaly
78, 5.409, 222.532

Monochromacy



Original Color
78, 11.372, 149.898

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.144, 148.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 11.372, 149.898 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(178, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 182)  
}
```

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(178, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 11.372, 149.898 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(178, 198, 182) }
```

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

```
.border{ border-color:rgb(178, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 182);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 11.372, 149.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 182) }
```

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

```
.background{ background-color: rgb(178,  
198, 182) }
```

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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