

Converting Colors

CIELCh(71, 10.457, 180.082)

Have a look what the booklet for
CIELCh(71, 10.457, 180.082)
contains.

| | |
|--|----|
| CIELCh(71, 10.442, 180.250) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(71, 10.442, 180.250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 98B3AD |
| RGB | 152, 179, 173 |
| RGB Percent | 60%, 70%, 68% |
| CMY | 0.4021, 0.2962, 0.3197 |
| CMYK | 0.15, 0.00, 0.03, 0.30 |
| HSL | 167°, 15%, 65% |
| HSV | 167°, 15%, 70% |
| XYZ | 36.8408, 42.1875, 45.9769 |
| YIQ | 170.2430, -14.1660, -7.5900 |

Conversions

Conversions Part 2

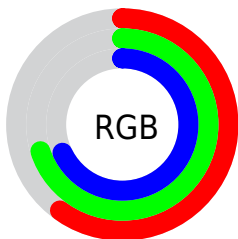
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 152, 167, 179 |
| Decimal | 10007469 |
| CIELab | 71.00, -10.44, -0.05 |
| CIElCh | 71, 10.442, 180.250 |
| Yxy | 42.1875, 0.2947, 0.3375 |
| Android (android.graphics.Color) | 4288197549 (0xFF98B3AD) |
| YUV | 170.2430, 1.3592, -15.9991 |
| Hunter-Lab | 64.9519, -12.4205, 3.4973 |

Details

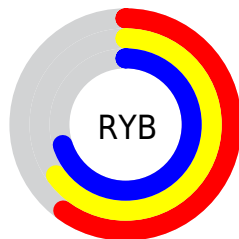
The CIELCh color **71, 10.442, 180.250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 11.036, 2.989**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 10.484, 178.467**, and **51, 10.124, 181.556** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.093, 179.258**, and if you desaturate by 10%, it is **72, 3.544, 181.246**.

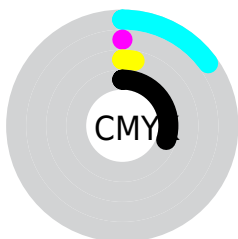
Distribution



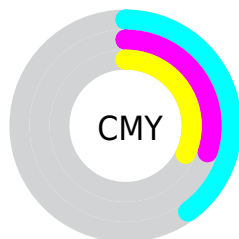
- Red (60%)
- Green (70%)
- Blue (68%)



- Red (60%)
- Yellow (65%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)





- Cyan (40%)
- Magenta (30%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.442, 180.250 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, 10.442, 180.250 by changing the saturation by 10% instead.


 71, 10.442,
180.250


 71, 10.442,
180.250


 100, 10.442,
180.250


 61, 10.442,
180.250


 91, 10.442,
180.250

 51, 10.442,
180.250

 41, 10.442,
180.250

 31, 10.442,
180.250

 21, 10.442,
180.250

 11, 10.442,
180.250

 1, 10.442, 180.250

0, 10.442, 180.250

71, 10.442,
180.250

71, 10.442,
180.250

70, 17.093,
179.258

72, 3.544, 181.246

69, 23.386,
178.217

74, 3.508, 1.854

68, 29.205,
177.098

76, 10.632, 2.776

67, 34.437,
175.882

79, 24.853, 4.374

66, 38.986,
174.546

81, 29.978, 3.785

66, 42.783,
173.067

81, 30.487,
359.950

81, 31.138,

■ 66, 45.812,
171.422

356.267

■ 65, 48.116,
169.602

■ 81, 31.923,
352.761

■ 65, 49.120,
168.688

Harmonies

Complementary

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



71, 10.442, 180.250



66, 11.036, 2.989

Rectangle

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



71, 10.442, 180.250



71, 10.442, 230.250



71, 10.442, 0.250



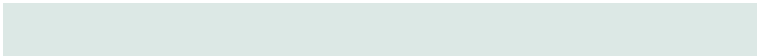
71, 10.442, 50.250

Sweetspot

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



71, 10.443, 180.244



91, 4.323, 181.242



71, 16.759, 137.124



49, 2.972, 181.165



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, 10.443, 180.244



89, 15.316, 179.928



69, 8.044, 228.476



37, 3.940, 180.802



56, 43.511, 168.952



7, 10.095, 175.254

Inverse Universe

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



66, 11.036, 2.989



81, 16.389, 3.362



67, 8.787, 46.674



35, 4.077, 2.364



32, 62.127, 26.828



2, 9.467, 5.430

Previews

White Background



This preview shows how the CIELCh color 71, 10.442, 180.250 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, 10.442, 180.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

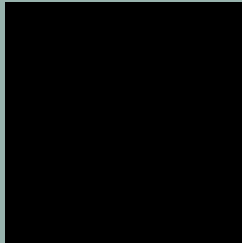
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

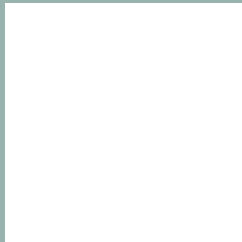
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 10.442, 180.250

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.442, 180.250.

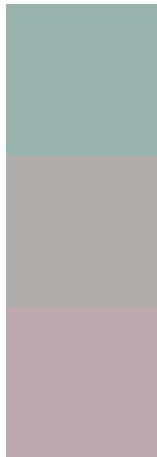


This preview shows how white text looks on a background with the CIELCh color 71, 10.442, 180.250.

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

71, 10.442, 180.250

Protanopia

71, 2.214, 66.714

Deuteranopia

71, 9.094, 351.578



Tritanopia
71, 10.460, 246.147

Trichromacy



Original Color
71, 10.442, 180.250

Protanomaly
71, 3.430, 159.792

Deuteranomaly
71, 2.241, 332.353

Tritanomaly
71, 8.934, 224.267

Monochromacy



Original Color
71, 10.442, 180.250

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.891, 182.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.442, 180.250 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(152, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 173)  
}
```

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(152, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.442, 180.250 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(152, 179, 173) }
```

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

```
.border{ border-color:rgb(152, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.442, 180.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 173) }
```

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

```
.background{ background-color: rgb(152,  
179, 173) }
```

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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