

Converting Colors

CIELCh(71, 19.187, 189.983)

Have a look what the booklet for
CIELCh(71, 19.187, 189.983)
contains.

| | |
|--|----|
| CIELCh(71, 19.236, 189.667) | 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, 19.236, 189.667)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81B8B3 |
| RGB | 129, 184, 179 |
| RGB Percent | 51%, 72%, 70% |
| CMY | 0.4942, 0.2785, 0.2981 |
| CMYK | 0.30, 0.00, 0.03, 0.28 |
| HSL | 175°, 28%, 61% |
| HSV | 175°, 30%, 72% |
| XYZ | 34.3174, 42.1875, 48.9669 |
| YIQ | 166.9850, -31.1750, -13.2150 |

Conversions

Conversions Part 2

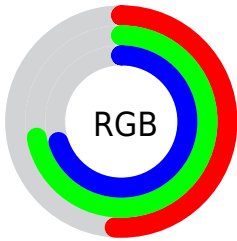
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 129, 158, 184 |
| Decimal | 8501427 |
| CIE _{Lab} | 71.00, -18.96, -3.23 |
| CIE _{LCh} | 71, 19.236, 189.667 |
| Yxy | 42.1875, 0.2735, 0.3362 |
| Android (android.graphics.Color) | 4286691507 (0xFF81B8B3) |
| YUV | 166.9850, 5.9234, -33.3128 |
| Hunter-Lab | 64.9519, -19.3552, 0.7679 |

Details

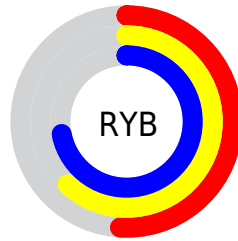
The CIELCh color **71, 19.236, 189.667** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 22.721, 14.882**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 19.276, 190.386**, and **51, 19.400, 188.723** is the 20% darker color. If you saturate the color by 10%, you get **70, 24.775, 188.888**, and if you desaturate by 10%, it is **72, 13.175, 190.434**.

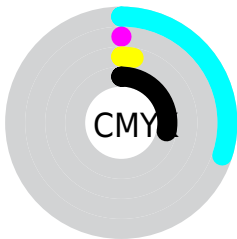
Distribution



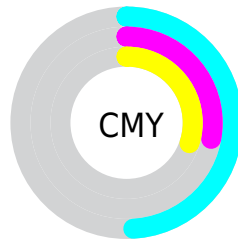
- Red (51%)
- Green (72%)
- Blue (70%)



- Red (51%)
- Yellow (62%)
- Blue (72%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)





- Cyan (49%)
- Magenta (28%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.236, 189.667 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, 19.236, 189.667 by changing the saturation by 10% instead.


 71, 19.236,
189.667


 71, 19.236,
189.667


 100, 19.236,
189.667


 61, 19.236,
189.667


 91, 19.236,
189.667

 51, 19.236,
189.667

 41, 19.236,
189.667

 31, 19.236,
189.667

 21, 19.236,
189.667

 11, 19.236,
189.667

 1, 19.236, 189.667

0, 19.236, 189.667

71, 19.236,
189.667

71, 19.236,
189.667

70, 24.775,
188.888

72, 13.175,
190.434

69, 29.679,
188.096

73, 6.703, 191.223

69, 33.853,
187.277

75, 0.075, 5.152

76, 7.062, 12.561

68, 37.228,
186.418

78, 14.179, 13.330

68, 39.772,
185.502

80, 21.360, 14.068

81, 27.477, 14.409

67, 41.512,
184.512

81, 27.505, 12.589

■ 67, 42.632,
183.455

■ 82, 27.563, 10.774

■ 67, 42.643,
183.444

Harmonies

Complementary

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



71, 19.236, 189.667



60, 22.721, 14.882

Rectangle

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



71, 19.236, 189.667



71, 19.236, 239.667



71, 19.236, 9.667



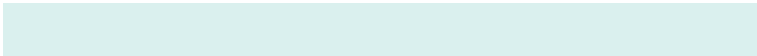
71, 19.236, 59.667

Sweetspot

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



71, 19.237, 189.664



93, 7.569, 191.284



70, 35.472, 139.934



49, 5.242, 191.165



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 19.237, 189.664



89, 28.067, 189.144



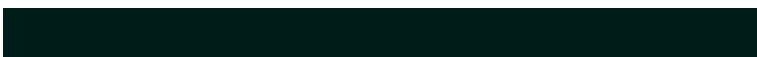
65, 16.235, 247.979



38, 3.835, 191.269



58, 37.623, 183.596



8, 10.867, 187.618

Inverse Universe

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



60, 22.721, 14.882



72, 34.574, 15.871



65, 18.560, 60.913



36, 4.026, 12.570



32, 68.436, 35.698



2, 10.701, 13.889

Previews

White Background



This preview shows how the CIELCh color 71, 19.236, 189.667 looks on a white background.

Color Contrast Check

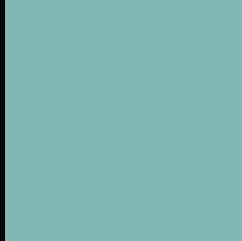
Large Text (above 18pt) WCAG AA × Fail

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, 19.236, 189.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

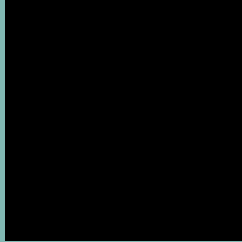
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

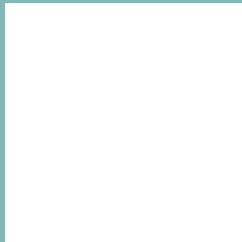
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 19.236, 189.667

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.236, 189.667.

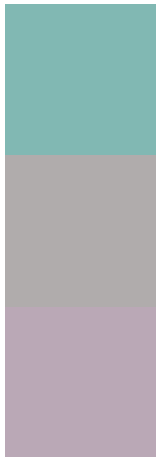


This preview shows how white text looks on a background with the CIELCh color 71, 19.236, 189.667.

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](#).

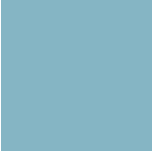
Dichromacy



Original Color
71, 19.236, 189.667

Protanopia
71, 1.510, 19.208

Deuteranopia
71, 10.222, 331.896



Tritanopia
71, 17.629, 226.200

Trichromacy



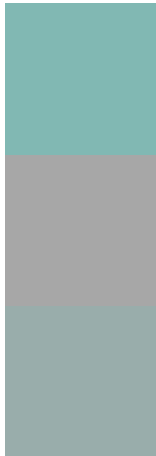
Original Color
71, 19.236, 189.667

Protanomaly
71, 6.267, 193.944

Deuteranomaly
71, 4.990, 249.484

Tritanomaly
71, 17.241, 212.940

Monochromacy



Original Color
71, 19.236, 189.667

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.443, 190.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.236, 189.667 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(129, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(129, 184, 179)  
}
```

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(129, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 184, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.236, 189.667 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(129, 184, 179) }
```

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

```
.border{ border-color:rgb(129, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(129, 184,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.236, 189.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 184, 179) }
```

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

```
.background{ background-color: rgb(129,  
184, 179) }
```

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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