

Converting Colors

CIELCh(71, 19.203, 170.776)

Have a look what the booklet for
CIELCh(71, 19.203, 170.776)
contains.

CIELCh(71, 19.202, 170.778)	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, 19.202, 170.778)

Conversions

Conversions Part 1

Format	Color
Hex	89B8A8
RGB	137, 184, 168
RGB Percent	54%, 72%, 66%
CMY	0.4644, 0.2802, 0.3429
CMYK	0.26, 0.00, 0.09, 0.28
HSL	160°, 25%, 63%
HSV	160°, 26%, 72%
XYZ	34.3200, 42.1875, 43.1655
YIQ	168.1230, -22.8760, -14.9400

Conversions

Conversions Part 2

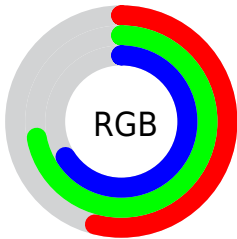
Format	Color
RYB	137, 165, 184
Decimal	9025704
CIELab	71.00, -18.95, 3.08
CIELCh	71, 19.202, 170.778
Yxy	42.1875, 0.2868, 0.3525
Android (android.graphics.Color)	4287215784 (0xFF89B8A8)
YUV	168.1230, -0.0606, -27.2949
Hunter-Lab	64.9519, -19.3480, 6.0636

Details

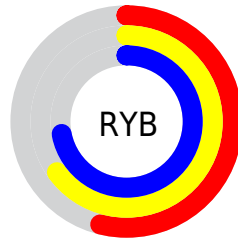
The CIELCh color **71, 19.202, 170.778** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 20.467, 355.862**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.237, 170.856**, and **51, 19.237, 170.374** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.296, 169.650**, and if you desaturate by 10%, it is **72, 11.822, 171.814**.

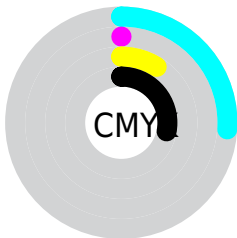
Distribution



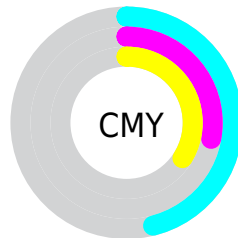
- Red (54%)
- Green (72%)
- Blue (66%)



- Red (54%)
- Yellow (65%)
- Blue (72%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)





- Cyan (46%)
- Magenta (28%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.202, 170.778 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, 19.202, 170.778 by changing the saturation by 10% instead.


 71, 19.202,
170.778


 71, 19.202,
170.778


 100, 19.202,
170.778


 61, 19.202,
170.778


 91, 19.202,
170.778

 51, 19.202,
170.778

 41, 19.202,
170.778

 31, 19.202,
170.778

 21, 19.202,
170.778

 11, 19.202,
170.778

 1, 19.202, 170.778

■ 0, 19.202, 170.778

■ 71, 19.202,
170.778

■ 71, 19.202,
170.778

■ 70, 26.296,
169.650

■ 72, 11.822,
171.814

■ 69, 32.976,
168.412

■ 74, 4.265, 172.824

■ 68, 39.119,
167.037

■ 75, 3.370, 353.472

■ 67, 44.614,
165.501

■ 77, 11.004,
354.385

■ 67, 49.379,
163.781

■ 79, 18.575,
355.178

■ 66, 53.386,
161.859

■ 81, 26.038,
355.921

■ 82, 30.042,

■ 66, 56.677,
159.740

353.057

■ 66, 58.015,
158.807

■ 82, 31.515,
347.656

■ 82, 33.263,
342.812

Harmonies

Complementary

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



71, 19.202, 170.778



62, 20.467, 355.862

Rectangle

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



71, 19.202, 170.778



71, 19.202, 220.778



71, 19.202, 350.778



71, 19.202, 40.778

Sweetspot

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



71, 19.203, 170.776



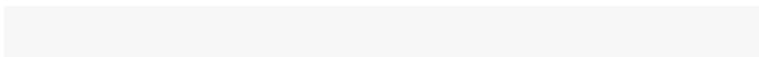
93, 7.565, 172.559



71, 28.085, 132.979



49, 5.369, 172.408



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, 19.203, 170.776



89, 28.643, 170.121



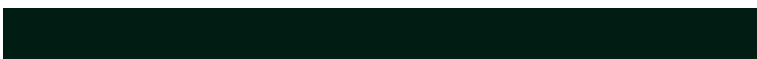
69, 14.202, 214.259



38, 4.311, 172.438



57, 51.067, 159.119



8, 12.884, 165.824

Inverse Universe

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



62, 20.467, 355.862



76, 31.004, 356.637



63, 16.935, 34.183



36, 4.413, 354.031



32, 59.406, 16.568



2, 11.362, 359.598

Previews

White Background



This preview shows how the CIELCh color 71, 19.202, 170.778 looks on a white background.

Color Contrast Check

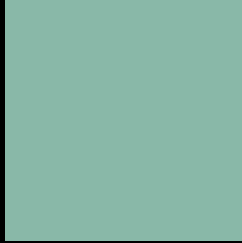
Large Text (above 18pt) WCAG AA × Fail

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, 19.202, 170.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

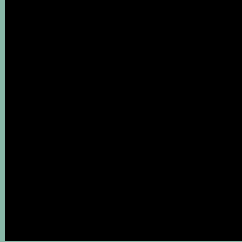
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.202, 170.778

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.202, 170.778.

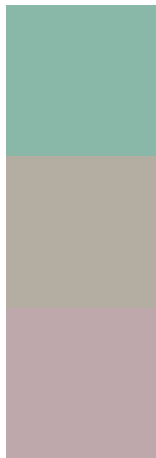


This preview shows how white text looks on a background with the CIELCh color 71, 19.202, 170.778.

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, 19.202, 170.778

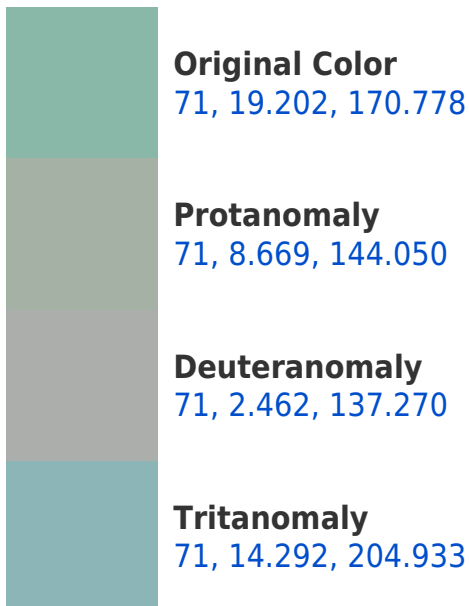
Protanopia
71, 6.404, 88.317

Deuteranopia
71, 8.978, 9.710

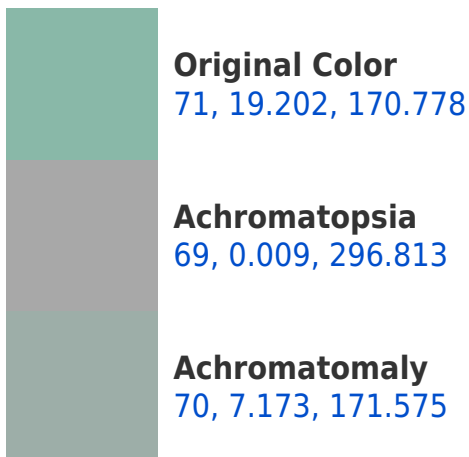


Tritanopia
71, 14.767, 229.896

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.202, 170.778 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(137, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(137, 184, 168)  
}
```

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(137, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 184, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.202, 170.778 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(137, 184, 168) }
```

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

```
.border{ border-color:rgb(137, 184, 168) }
```

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

Here you see how a box with a 4 pixel rgb(137, 184, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(137, 184,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.202, 170.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 184, 168) }
```

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

```
.background{ background-color: rgb(137,  
184, 168) }
```

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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