

Converting Colors

CIELCh(71, 22.767, 177.877)

Have a look what the booklet for
CIELCh(71, 22.767, 177.877)
contains.

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Color

CIELCh(71, 23.288, 176.889)

Conversions

Conversions Part 1

Format	Color
Hex	7CBAAB
RGB	124, 186, 171
RGB Percent	49%, 73%, 67%
CMY	0.5148, 0.2717, 0.3305
CMYK	0.33, 0.00, 0.08, 0.27
HSL	165°, 31%, 61%
HSV	165°, 33%, 73%
XYZ	33.0915, 42.1875, 44.7837
YIQ	165.7520, -32.1370, -17.8090

Conversions

Conversions Part 2

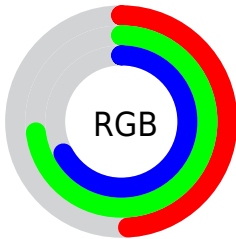
Format	Color
RYB	124, 159, 186
Decimal	8174251
CIELab	71.00, -23.25, 1.26
CIElCh	71, 23.288, 176.889
Yxy	42.1875, 0.2756, 0.3514
Android (android.graphics.Color)	4286364331 (0xFF7CBAAB)
YUV	165.7520, 2.5873, -36.6165
Hunter-Lab	64.9519, -22.7241, 4.5865

Details

The CIELCh color **71, 23.288, 176.889** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 26.290, 3.933**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 23.315, 176.974**, and **51, 23.424, 176.569** is the 20% darker color. If you saturate the color by 10%, you get **70, 29.477, 175.752**, and if you desaturate by 10%, it is **72, 16.646, 177.941**.

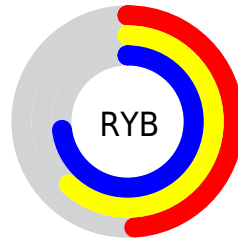
Distribution



Red (49%)

Green (73%)

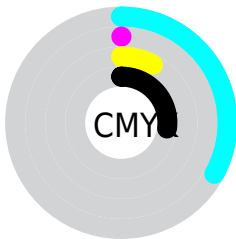
Blue (67%)



Red (49%)

Yellow (62%)

Blue (73%)

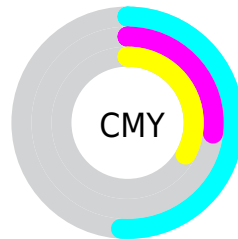


Cyan (33%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (51%)

Magenta (27%)

Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 23.288, 176.889 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, 23.288, 176.889 by changing the saturation by 10% instead.


 71, 23.288,
176.889


 71, 23.288,
176.889


 100, 23.288,
176.889


 61, 23.288,
176.889


 91, 23.288,
176.889

 51, 23.288,
176.889

 41, 23.288,
176.889

 31, 23.288,
176.889

 21, 23.288,
176.889

 11, 23.288,
176.889

 1, 23.288, 176.889

■ 0, 23.288, 176.889

■ 71, 23.288,
176.889

■ 71, 23.288,
176.889

■ 70, 29.477,
175.752

■ 72, 16.646,
177.941

■ 69, 35.092,
174.514

■ 73, 9.667, 178.938

■ 69, 40.025,
173.151

■ 75, 2.465, 180.000

■ 76, 4.866, 0.586

■ 68, 44.201,
171.639

■ 78, 12.245, 1.477

■ 68, 47.589,
169.955

■ 80, 19.610, 2.289

■ 82, 26.912, 3.061

■ 67, 50.223,
168.088

■ 82, 27.998,

■ 67, 51.697,
166.804

358.770

■ 82, 28.808,
354.340

Harmonies

Complementary

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



71, 23.288, 176.889



59, 26.290, 3.933

Rectangle

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



71, 23.288, 176.889



71, 23.288, 226.889



71, 23.288, 356.889



71, 23.288, 46.889

Sweetspot

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



71, 23.289, 176.887



94, 8.998, 179.255



71, 38.038, 135.614



50, 6.180, 179.115



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 23.289, 176.887



89, 33.995, 176.069



67, 17.414, 227.972



38, 4.073, 179.338



57, 45.163, 167.102



8, 11.960, 172.973

Inverse Universe

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



59, 26.290, 3.933



71, 39.488, 5.122



62, 21.708, 44.333



36, 4.207, 0.924



32, 62.199, 25.321



2, 11.020, 5.029

Previews

White Background



This preview shows how the CIELCh color 71, 23.288, 176.889 looks on a white background.

Color Contrast Check

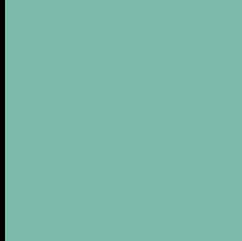
Large Text (above 18pt) WCAG AA × Fail

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, 23.288, 176.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

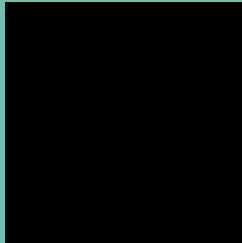
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 23.288, 176.889

Background



This preview shows how black text looks on a background with the CIELCh color 71, 23.288, 176.889.

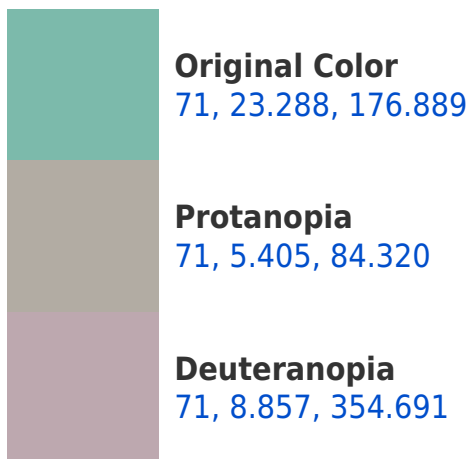


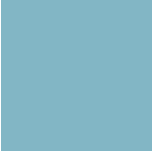
This preview shows how white text looks on a background with the CIELCh color 71, 23.288, 176.889.

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, 18.669, 224.432

Trichromacy



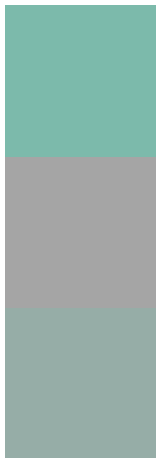
Original Color
71, 23.288, 176.889

Protanomaly
71, 9.372, 158.832

Deuteranomaly
70, 3.394, 189.988

Tritanomaly
71, 18.570, 204.795

Monochromacy



Original Color
71, 23.288, 176.889

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.163, 177.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 23.288, 176.889 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(124, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(124, 186, 171)  
}
```

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(124, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 186, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 23.288, 176.889 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(124, 186, 171) }
```

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

```
.border{ border-color:rgb(124, 186, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 186, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 186, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 186, 171); box-shadow:4px 4px 4px 4px rgb(124, 186, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 23.288, 176.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 186, 171) }
```

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

```
.background{ background-color: rgb(124,  
186, 171) }
```

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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