

Converting Colors

CIELCh(71, 24.854, 178.704)

Have a look what the booklet for
CIELCh(71, 24.854, 178.704)
contains.

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Color

CIELCh(71, 24.458, 179.155)

Conversions

Conversions Part 1

Format	Color
Hex	77BAAC
RGB	119, 186, 172
RGB Percent	47%, 73%, 67%
CMY	0.5321, 0.2693, 0.3243
CMYK	0.36, 0.00, 0.08, 0.27
HSL	167°, 33%, 60%
HSV	167°, 36%, 73%
XYZ	32.7536, 42.1875, 45.6044
YIQ	164.3710, -35.4380, -18.5580

Conversions

Conversions Part 2

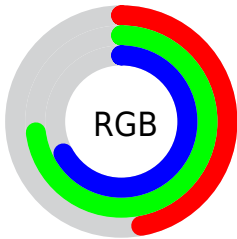
Format	Color
RYB	119, 156, 186
Decimal	7846572
CIELab	71.00, -24.46, 0.36
CIELCh	71, 24.458, 179.155
Yxy	42.1875, 0.2717, 0.3500
Android (android.graphics.Color)	4286036652 (0xFF77BAAC)
YUV	164.3710, 3.7611, -39.7904
Hunter-Lab	64.9519, -23.6529, 3.8373

Details

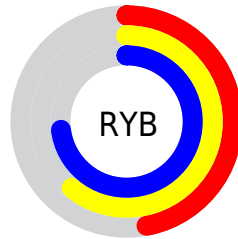
The CIELCh color **71, 24.458, 179.155** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 28.318, 6.785**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 24.239, 179.027**, and **51, 24.689, 178.934** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.319, 178.045**, and if you desaturate by 10%, it is **72, 18.088, 180.186**.

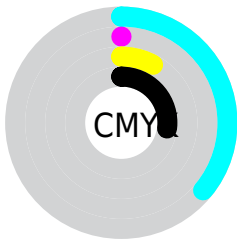
Distribution



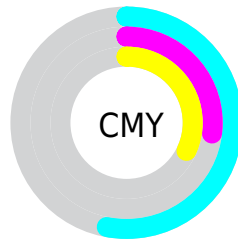
- Red (47%)
- Green (73%)
- Blue (67%)



- Red (47%)
- Yellow (61%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 24.458, 179.155 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, 24.458, 179.155 by changing the saturation by 10% instead.


 71, 24.458,
179.155


 71, 24.458,
179.155


 100, 24.458,
179.155


 61, 24.458,
179.155


 91, 24.458,
179.155

 51, 24.458,
179.155

 41, 24.458,
179.155

 31, 24.458,
179.155

 21, 24.458,
179.155

 11, 24.458,
179.155

 1, 24.458, 179.155

■ 0, 24.458, 179.155

■ 71, 24.458,
179.155

■ 71, 24.458,
179.155

■ 70, 30.319,
178.045

■ 72, 18.088,
180.186

■ 69, 35.552,
176.843

■ 73, 11.325,
181.166

■ 69, 40.062,
175.524

■ 75, 4.285, 182.149

■ 76, 2.932, 2.743

■ 68, 43.786,
174.065

■ 78, 10.240, 3.695

■ 68, 46.712,
172.444

■ 80, 17.570, 4.519

■ 68, 48.903,
170.655

■ 82, 24.868, 5.302

■ 68, 49.691,
169.926

■ 82, 27.225, 2.503

■ 82, 27.787,
358.439

Harmonies

Complementary

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



71, 24.458, 179.155



58, 28.318, 6.785

Rectangle

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



71, 24.458, 179.155



71, 24.458, 229.155



71, 24.458, 359.155



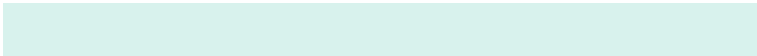
71, 24.458, 49.155

Sweetspot

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



71, 24.459, 179.153



94, 9.724, 181.626



71, 41.473, 136.404



50, 6.575, 181.495



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, 24.459, 179.153



89, 35.369, 178.303



66, 18.616, 233.003



39, 4.099, 181.803



58, 43.862, 170.182



9, 13.235, 175.515

Inverse Universe

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



58, 28.318, 6.785



69, 42.383, 8.142



62, 23.384, 47.763



37, 4.248, 3.366



33, 64.248, 28.042



3, 12.554, 7.547

Previews

White Background



This preview shows how the CIELCh color 71, 24.458, 179.155 looks on a white background.

Color Contrast Check

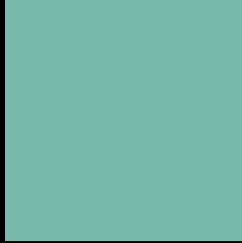
Large Text (above 18pt) WCAG AA × Fail

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, 24.458, 179.155 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

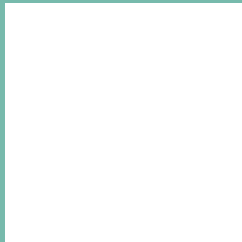
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 24.458, 179.155

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.458, 179.155.

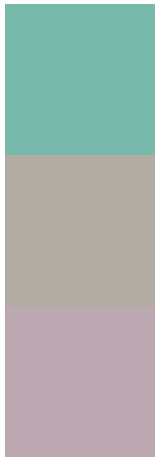


This preview shows how white text looks on a background with the CIELCh color 71, 24.458, 179.155.

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, 24.458, 179.155

Protanopia
71, 4.915, 81.702

Deuteranopia
71, 8.761, 350.332



Tritanopia
71, 20.072, 220.630

Trichromacy



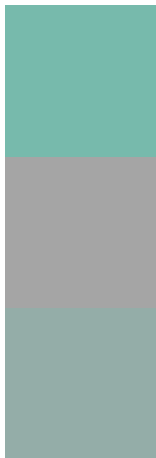
Original Color
71, 24.458, 179.155

Protanomaly
70, 9.310, 162.750

Deuteranomaly
71, 4.424, 199.147

Tritanomaly
71, 20.301, 204.083

Monochromacy



Original Color
71, 24.458, 179.155

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.630, 182.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.458, 179.155 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(119, 186, 172)` looks like.

```
.text, #text, p{  
    color:rgb(119, 186, 172)  
}
```

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(119, 186, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 186, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.458, 179.155 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(119, 186, 172) }
```

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

```
.border{ border-color:rgb(119, 186, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 186, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 186, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 186, 172);  
box-shadow:4px 4px 4px 4px rgb(119, 186,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.458, 179.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 186, 172) }
```

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

```
.background{ background-color: rgb(119,  
186, 172) }
```

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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