

Converting Colors

CIELCh(71, 25.472, 171.850)

Have a look what the booklet for
CIELCh(71, 25.472, 171.850)
contains.

CIELCh(71, 25.213, 171.667)	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, 25.213, 171.667)

Conversions

Conversions Part 1

Format	Color
Hex	7ABAA6
RGB	122, 186, 166
RGB Percent	48%, 73%, 65%
CMY	0.5203, 0.2692, 0.3477
CMYK	0.34, 0.00, 0.11, 0.27
HSL	161°, 32%, 61%
HSV	161°, 34%, 73%
XYZ	32.6160, 42.1875, 42.6592
YIQ	164.5840, -31.7240, -19.7880

Conversions

Conversions Part 2

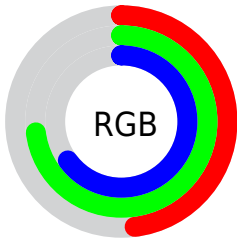
Format	Color
RYB	122, 160, 186
Decimal	8043174
CIELab	71.00, -24.95, 3.65
CIELCh	71, 25.213, 171.667
Yxy	42.1875, 0.2777, 0.3592
Android (android.graphics.Color)	4286233254 (0xFF7ABAA6)
YUV	164.5840, 0.6981, -37.3462
Hunter-Lab	64.9519, -24.0310, 6.5258

Details

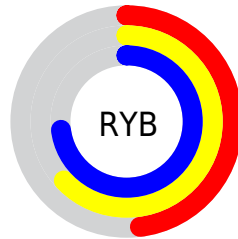
The CIELCh color **71, 25.213, 171.667** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 27.775, 358.974**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 25.137, 172.029**, and **51, 25.476, 171.006** is the 20% darker color. If you saturate the color by 10%, you get **70, 31.839, 170.454**, and if you desaturate by 10%, it is **72, 18.169, 172.773**.

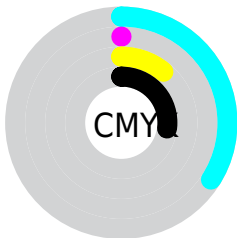
Distribution



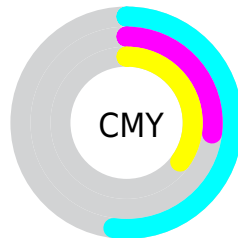
- Red (48%)
- Green (73%)
- Blue (65%)



- Red (48%)
- Yellow (63%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (52%)
- Magenta (27%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.213, 171.667 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, 25.213, 171.667 by changing the saturation by 10% instead.


 71, 25.213,
171.667


 71, 25.213,
171.667


 100, 25.213,
171.667


 61, 25.213,
171.667


 91, 25.213,
171.667

 51, 25.213,
171.667

 41, 25.213,
171.667

 31, 25.213,
171.667

 21, 25.213,
171.667

 11, 25.213,
171.667

 1, 25.213, 171.667

■ 0, 25.213, 171.667

■ 71, 25.213,
171.667

■ 71, 25.213,
171.667

■ 70, 31.839,
170.454

■ 72, 18.169,
172.773

■ 69, 37.919,
169.116

■ 73, 10.828,
173.802

■ 68, 43.343,
167.626

■ 75, 3.303, 174.837

■ 68, 48.027,
165.960

■ 77, 4.309, 355.476

■ 68, 51.937,
164.100

■ 78, 11.929,
356.371

■ 67, 55.109,
162.042

■ 80, 19.495,
357.170

■ 82, 26.962,

■ 67, 56.707,
160.854

357.923

■ 83, 28.825,
352.984

■ 83, 30.203,
347.744

Harmonies

Complementary

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



71, 25.213, 171.667



58, 27.775, 358.974

Rectangle

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



71, 25.213, 171.667



71, 25.213, 221.667



71, 25.213, 351.667



71, 25.213, 41.667

Sweetspot

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



71, 25.214, 171.665



94, 9.366, 174.221



71, 38.453, 133.568



50, 6.436, 174.080



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, 25.214, 171.665



89, 36.664, 170.790



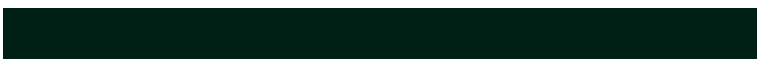
68, 18.299, 218.951



39, 4.335, 174.301



58, 49.975, 161.154



9, 14.392, 167.196

Inverse Universe

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



58, 27.775, 358.974



71, 41.257, 0.133



61, 23.327, 37.673



37, 4.448, 355.910



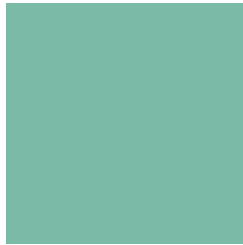
33, 60.774, 19.220



3, 12.894, 1.998

Previews

White Background



This preview shows how the CIELCh color 71, 25.213, 171.667 looks on a white background.

Color Contrast Check

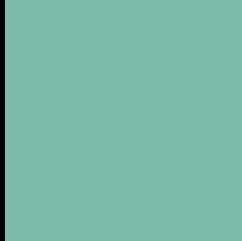
Large Text (above 18pt) WCAG AA × Fail

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, 25.213, 171.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

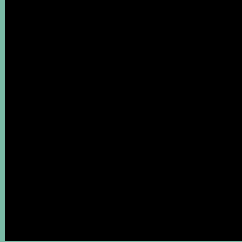
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 25.213, 171.667

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.213, 171.667.

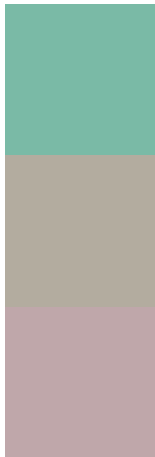


This preview shows how white text looks on a background with the CIELCh color 71, 25.213, 171.667.

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, 25.213, 171.667

Protanopia
71, 7.572, 88.357

Deuteranopia
71, 9.373, 10.192



Tritanopia
71, 18.929, 224.029

Trichromacy



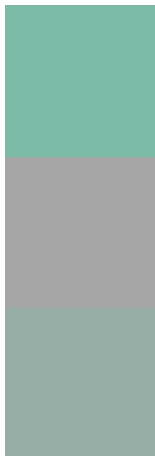
Original Color
71, 25.213, 171.667

Protanomaly
70, 10.951, 150.224

Deuteranomaly
70, 4.082, 157.235

Tritanomaly
71, 19.199, 201.206

Monochromacy



Original Color
71, 25.213, 171.667

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.986, 172.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.213, 171.667 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(122, 186, 166)` looks like.

```
.text, #text, p{  
    color:rgb(122, 186, 166)  
}
```

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(122, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 186, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.213, 171.667 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(122, 186, 166) }
```

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

```
.border{ border-color:rgb(122, 186, 166) }
```

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

Here you see how a box with a 4 pixel rgb(122, 186, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 186, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 186, 166);  
box-shadow:4px 4px 4px 4px rgb(122, 186,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.213, 171.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 186, 166) }
```

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

```
.background{ background-color: rgb(122,  
186, 166) }
```

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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