

Converting Colors

CIELCh(71, 24.888, 174.610)

Have a look what the booklet for
CIELCh(71, 24.888, 174.610)
contains.

| | |
|--|----|
| CIELCh(71, 24.654, 175.243) | 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, 24.654, 175.243)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 79BAA9 |
| RGB | 121, 186, 169 |
| RGB Percent | 47%, 73%, 66% |
| CMY | 0.5245, 0.2695, 0.3362 |
| CMYK | 0.35, 0.00, 0.09, 0.27 |
| HSL | 164°, 32%, 60% |
| HSV | 164°, 35%, 73% |
| XYZ | 32.7217, 42.1875, 44.0822 |
| YIQ | 164.6270, -33.2830, -19.0670 |

Conversions

Conversions Part 2

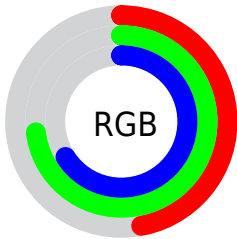
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 121, 158, 186 |
| Decimal | 7977641 |
| CIE Lab | 71.00, -24.57, 2.04 |
| CIE LCh | 71, 24.654, 175.243 |
| Yxy | 42.1875, 0.2750, 0.3545 |
| Android (android.graphics.Color) | 4286167721 (0xFF79BAA9) |
| YUV | 164.6270, 2.1559, -38.2609 |
| Hunter-Lab | 64.9519, -23.7405, 5.2268 |

Details

The CIELCh color **71, 24.654, 175.243** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 27.764, 2.718**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 24.648, 175.468**, and **51, 24.789, 174.714** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.906, 174.067**, and if you desaturate by 10%, it is **72, 17.943, 176.324**.

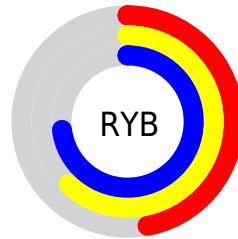
Distribution



Red (47%)

Green (73%)

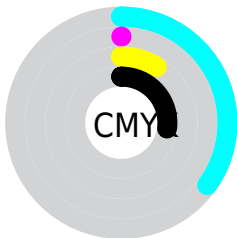
Blue (66%)



Red (47%)

Yellow (62%)

Blue (73%)

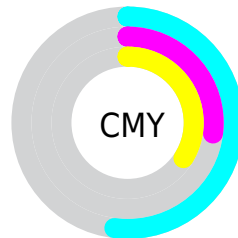


Cyan (35%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (52%)


Magenta (27%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 24.654, 175.243 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, 24.654, 175.243 by changing the saturation by 10% instead.


 71, 24.654,
175.243


 71, 24.654,
175.243


 100, 24.654,
175.243


 61, 24.654,
175.243


 91, 24.654,
175.243

 51, 24.654,
175.243

 41, 24.654,
175.243

 31, 24.654,
175.243

 21, 24.654,
175.243

 11, 24.654,
175.243

 1, 24.654, 175.243

0, 24.654, 175.243

71, 24.654,
175.243

71, 24.654,
175.243

70, 30.906,
174.067

72, 17.943,
176.324

69, 36.576,
172.780

73, 10.892,
177.340

69, 41.560,
171.357

75, 3.615, 178.362

76, 3.790, 358.994

68, 45.784,
169.772

78, 11.241,
359.915

68, 49.223,
168.006

80, 18.673, 0.732

67, 51.922,
166.052

82, 26.037, 1.507

■ 67, 53.143,
165.038

■ 82, 27.962,
357.517

■ 83, 28.906,
352.770

Harmonies

Complementary

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



71, 24.654, 175.243



58, 27.764, 2.718

Rectangle

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



71, 24.654, 175.243



71, 24.654, 225.243



71, 24.654, 355.243



71, 24.654, 45.243

Sweetspot

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



71, 24.655, 175.241



94, 9.094, 177.810



71, 39.642, 135.039



50, 6.246, 177.670



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, 24.655, 175.241



89, 36.015, 174.336



67, 18.207, 225.821



39, 4.210, 177.891



58, 46.881, 165.320



9, 13.802, 171.044

Inverse Universe

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



58, 27.764, 2.718



70, 41.717, 4.022



61, 23.077, 42.612



37, 4.340, 359.494



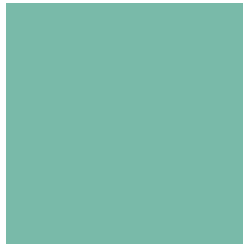
33, 62.289, 23.741



3, 12.712, 4.693

Previews

White Background



This preview shows how the CIELCh color 71, 24.654, 175.243 looks on a white background.

Color Contrast Check

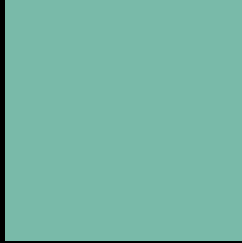
Large Text (above 18pt) WCAG AA × Fail

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, 24.654, 175.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

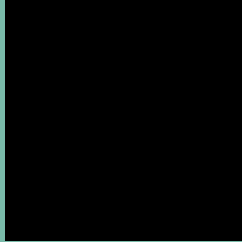
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

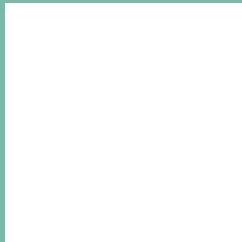
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 24.654, 175.243

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.654, 175.243.

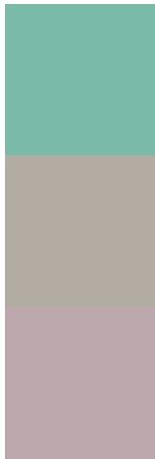


This preview shows how white text looks on a background with the CIELCh color 71, 24.654, 175.243.

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, 24.654, 175.243

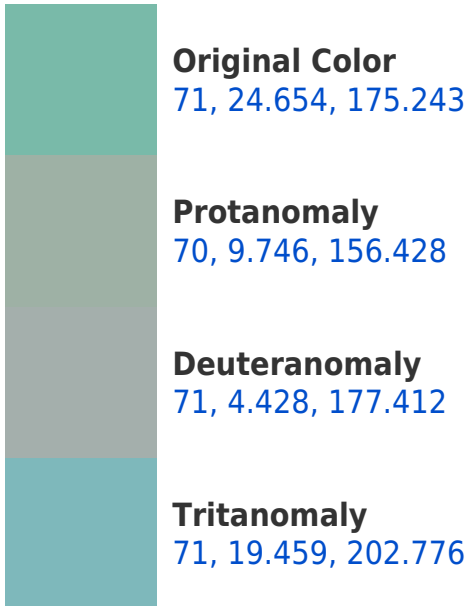
Protanopia
71, 6.066, 83.101

Deuteranopia
71, 8.470, 1.396

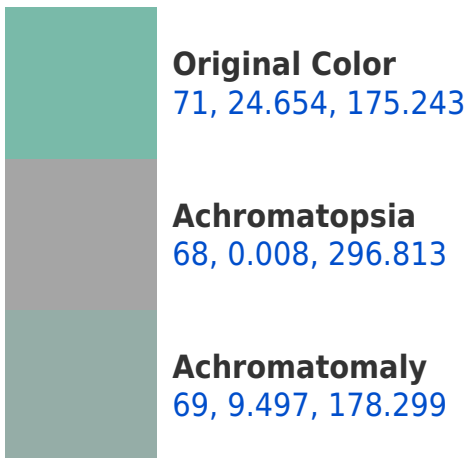


Tritanopia
71, 19.189, 223.638

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.654, 175.243 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(121, 186, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 186, 169)  
}
```

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(121, 186, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 186, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.654, 175.243 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(121, 186, 169) }
```

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

```
.border{ border-color:rgb(121, 186, 169) }
```

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

Here you see how a box with a 4 pixel rgb(121, 186, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 186, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 186, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 186,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.654, 175.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 186, 169) }
```

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

```
.background{ background-color: rgb(121,  
186, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor