

Converting Colors

CIELCh(70, 22.389, 175.862)

Have a look what the booklet for
CIELCh(70, 22.389, 175.862)
contains.

CIELCh(70, 22.732, 174.841)	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(70, 22.732, 174.841)

Conversions

Conversions Part 1

Format	Color
Hex	7CB7A7
RGB	124, 183, 167
RGB Percent	49%, 72%, 65%
CMY	0.5151, 0.2838, 0.3465
CMYK	0.32, 0.00, 0.09, 0.28
HSL	164°, 29%, 60%
HSV	164°, 32%, 72%
XYZ	32.0592, 40.7494, 42.5594
YIQ	163.5350, -30.0280, -17.4840

Conversions

Conversions Part 2

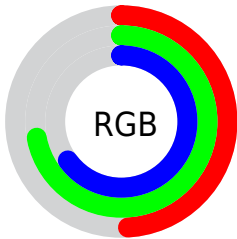
Format	Color
RYB	124, 158, 183
Decimal	8173479
CIELab	70.00, -22.64, 2.04
CIElCh	70, 22.732, 174.841
Yxy	40.7494, 0.2779, 0.3532
Android (android.graphics.Color)	4286363559 (0xFF7CB7A7)
YUV	163.5350, 1.7082, -34.6722
Hunter-Lab	63.8353, -22.0659, 5.1556

Details

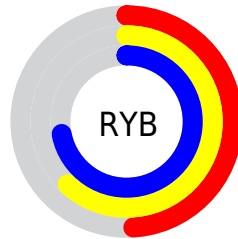
The CIELCh color **70, 22.732, 174.841** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 25.264, 1.627**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 22.731, 174.981**, and **50, 22.946, 174.487** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.077, 173.683**, and if you desaturate by 10%, it is **71, 15.975, 175.907**.

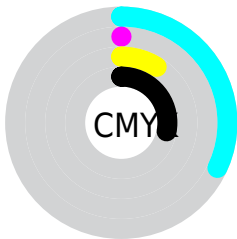
Distribution



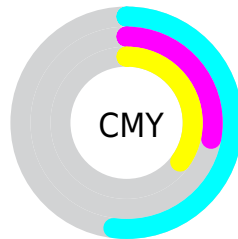
- Red (49%)
- Green (72%)
- Blue (65%)



- Red (49%)
- Yellow (62%)
- Blue (72%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)





- Cyan (52%)
- Magenta (28%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 22.732, 174.841 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 70, 22.732, 174.841 by changing the saturation by 10% instead.


 70, 22.732,
174.841


 70, 22.732,
174.841


 100, 22.732,
174.841


 60, 22.732,
174.841


 90, 22.732,
174.841

 50, 22.732,
174.841

 40, 22.732,
174.841

 30, 22.732,
174.841

 20, 22.732,
174.841

 10, 22.732,
174.841

 0, 22.732, 174.841

70, 22.732,
174.841

70, 22.732,
174.841

69, 29.077,
173.683

71, 15.975,
175.907

68, 34.886,
172.418

72, 8.921, 176.914

74, 1.678, 178.057

67, 40.052,
171.020

76, 5.661, 358.575

67, 44.490,
169.464

77, 13.021,
359.448

67, 48.160,
167.729

79, 20.343, 0.249

66, 51.085,
165.803

81, 27.582, 1.010

82, 29.580,
357.250

66, 52.985,
164.250

82, 30.540,
352.681

Harmonies

Complementary

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



70, 22.732, 174.841



58, 25.264, 1.627

Rectangle

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



70, 22.732, 174.841



70, 22.732, 224.841



70, 22.732, 354.841



70, 22.732, 44.841

Sweetspot

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



70, 22.733, 174.839



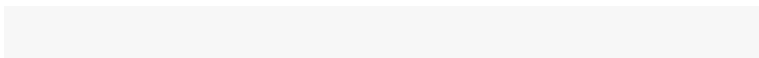
92, 8.986, 177.126



70, 35.954, 134.695



49, 6.172, 176.986



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 22.733, 174.839



88, 33.377, 173.999



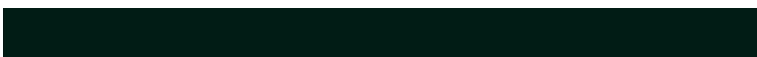
67, 16.827, 223.267



38, 4.138, 177.209



57, 46.863, 164.534



8, 12.224, 170.651

Inverse Universe

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



58, 25.264, 1.627



70, 38.056, 2.781



61, 20.971, 40.918



36, 4.261, 358.808



32, 61.208, 22.836



2, 11.111, 3.382

Previews

White Background



This preview shows how the CIELCh color 70, 22.732, 174.841 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 CIE LCh color 70, 22.732, 174.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

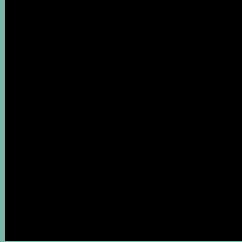
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 22.732, 174.841

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.732, 174.841.

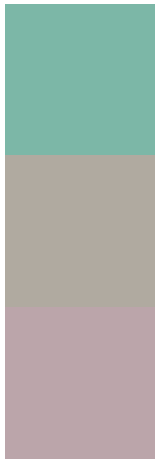


This preview shows how white text looks on a background with the CIELCh color 70, 22.732, 174.841.

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
70, 22.732, 174.841

Protanopia
70, 5.918, 86.479

Deuteranopia
70, 8.867, 2.265



Tritanopia
70, 17.725, 224.067

Trichromacy



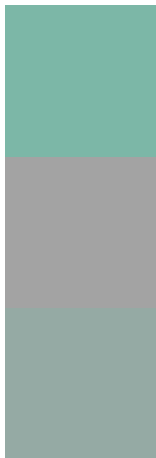
Original Color
70, 22.732, 174.841

Protanomaly
70, 9.894, 152.730

Deuteranomaly
69, 2.853, 176.742

Tritanomaly
70, 17.709, 203.390

Monochromacy



Original Color
70, 22.732, 174.841

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.523, 175.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.732, 174.841 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, 183, 167)` looks like.

```
.text, #text, p{  
    color:rgb(124, 183, 167)  
}
```

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, 183, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 183, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.732, 174.841 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, 183, 167) }
```

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

```
.border{ border-color:rgb(124, 183, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 183, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 183, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 183, 167);  
box-shadow:4px 4px 4px 4px rgb(124, 183,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.732, 174.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 183, 167) }
```

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

```
.background{ background-color: rgb(124,  
183, 167) }
```

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