

Converting Colors

CIELCh(72, 22.623, 174.874)

Have a look what the booklet for
CIELCh(72, 22.623, 174.874)
contains.

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Color

CIELCh(72, 22.655, 174.930)

Conversions

Conversions Part 1

Format	Color
Hex	81BCAC
RGB	129, 188, 172
RGB Percent	51%, 74%, 67%
CMY	0.4938, 0.2624, 0.3252
CMYK	0.31, 0.00, 0.09, 0.26
HSL	164°, 31%, 62%
HSV	164°, 31%, 74%
XYZ	34.5222, 43.6590, 45.6801
YIQ	168.5350, -30.0280, -17.4840

Conversions

Conversions Part 2

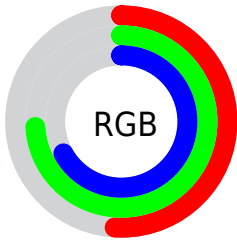
Format	Color
RYB	129, 163, 188
Decimal	8502444
CIELab	72.00, -22.57, 2.00
CIElCh	72, 22.655, 174.930
Yxy	43.6590, 0.2787, 0.3525
Android (android.graphics.Color)	4286692524 (0xFF81BCAC)
YUV	168.5350, 1.7082, -34.6722
Hunter-Lab	66.0750, -22.3703, 5.2631

Details

The CIELCh color **72, 22.655, 174.930** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 25.102, 1.495**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 22.661, 175.035**, and **52, 22.331, 175.697** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.195, 173.778**, and if you desaturate by 10%, it is **73, 15.702, 175.991**.

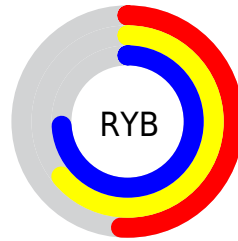
Distribution



Red (51%)

Green (74%)

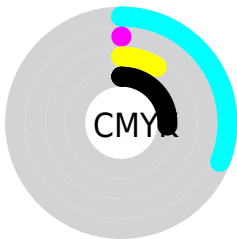
Blue (67%)



Red (51%)

Yellow (64%)

Blue (74%)

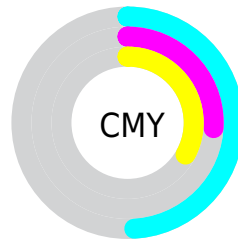


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (26%)



Cyan (49%)


Magenta (26%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 22.655, 174.930 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 72, 22.655, 174.930 by changing the saturation by 10% instead.


 72, 22.655,
174.930


 72, 22.655,
174.930


 100, 22.655,
174.930


 62, 22.655,
174.930


 92, 22.655,
174.930

 52, 22.655,
174.930

 42, 22.655,
174.930

 32, 22.655,
174.930

 22, 22.655,
174.930

 12, 22.655,
174.930

 2, 22.655, 174.930

0, 22.655, 174.930

72, 22.655,
174.930

72, 22.655,
174.930

71, 29.195,
173.778

73, 15.702,
175.991

70, 35.197,
172.520

75, 8.455, 176.997

69, 40.545,
171.131

76, 1.023, 178.316

78, 6.499, 358.658

69, 45.153,
169.585

79, 14.036,
359.521

68, 48.973,
167.860

81, 21.529, 0.319

68, 52.025,
165.944

83, 26.915,
359.188

■ 68, 54.203,
164.194

■ 83, 27.840,
353.977

■ 83, 28.995,
349.161

Harmonies

Complementary

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



72, 22.655, 174.930



60, 25.102, 1.495

Rectangle

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



72, 22.655, 174.930



72, 22.655, 224.930



72, 22.655, 354.930



72, 22.655, 44.930

Sweetspot

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



72, 22.656, 174.928



95, 8.305, 177.220



72, 35.776, 134.743



50, 5.762, 177.074



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 22.656, 174.928



90, 33.450, 174.104



69, 16.793, 223.191



39, 4.232, 177.199



58, 47.453, 164.496



9, 13.911, 170.276

Inverse Universe

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



60, 25.102, 1.495



73, 38.012, 2.617



63, 20.788, 40.914



37, 4.359, 358.805



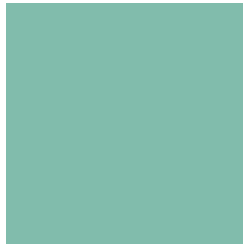
33, 61.972, 22.913



3, 12.744, 4.180

Previews

White Background



This preview shows how the CIELCh color 72, 22.655, 174.930 looks on a white background.

Color Contrast Check

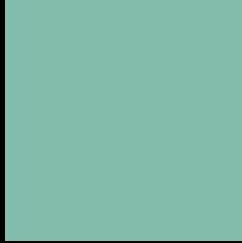
Large Text (above 18pt) WCAG AA × Fail

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 72, 22.655, 174.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

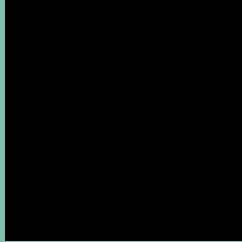
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

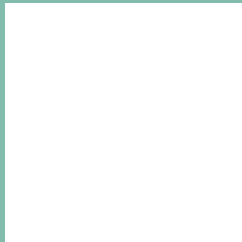
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 22.655, 174.930

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.655, 174.930.

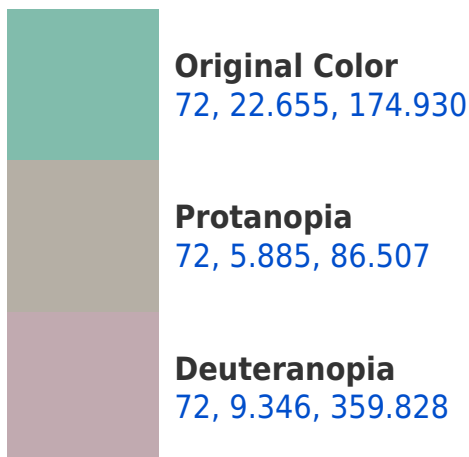


This preview shows how white text looks on a background with the CIELCh color 72, 22.655, 174.930.

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
72, 17.871, 225.693

Trichromacy



Original Color
72, 22.655, 174.930

Protanomaly
72, 9.444, 154.982

Deuteranomaly
72, 2.835, 176.758

Tritanomaly
72, 17.665, 205.208

Monochromacy



Original Color
72, 22.655, 174.930

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 8.803, 176.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.655, 174.930 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(129, 188, 172)` looks like.

```
.text, #text, p{  
    color:rgb(129, 188, 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(129, 188, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 188, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.655, 174.930 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(129, 188, 172) }
```

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

```
.border{ border-color:rgb(129, 188, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 188, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 188, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 188, 172);  
box-shadow:4px 4px 4px 4px rgb(129, 188,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.655, 174.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 188, 172) }
```

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

```
.background{ background-color: rgb(129,  
188, 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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