

Converting Colors

CIELCh(70, 20.920, 180.147)

Have a look what the booklet for
CIELCh(70, 20.920, 180.147)
contains.

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Color

CIELCh(70, 21.169, 179.531)

Conversions

Conversions Part 1

Format	Color
Hex	7DB6AA
RGB	125, 182, 170
RGB Percent	49%, 71%, 67%
CMY	0.5096, 0.2860, 0.3331
CMYK	0.31, 0.00, 0.07, 0.29
HSL	167°, 28%, 60%
HSV	167°, 31%, 71%
XYZ	32.4676, 40.7494, 44.2138
YIQ	163.5890, -30.1200, -15.8160

Conversions

Conversions Part 2

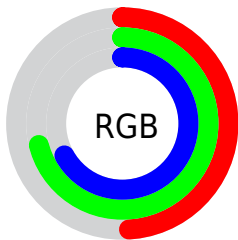
Format	Color
R _{YB}	125, 157, 182
Decimal	8238762
CIE Lab	70.00, -21.17, 0.17
CIE LCh	70, 21.169, 179.531
Yxy	40.7494, 0.2765, 0.3470
Android (android.graphics.Color)	4286428842 (0xFF7DB6AA)
YUV	163.5890, 3.1606, -33.8426
Hunter-Lab	63.8353, -20.9240, 3.6190

Details

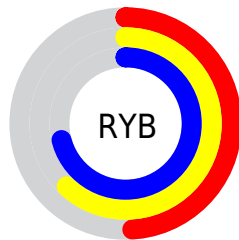
The CIELCh color **70, 21.169, 179.531** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 23.993, 5.946**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 21.243, 179.393**, and **50, 21.291, 179.507** is the 20% darker color. If you saturate the color by 10%, you get **69, 27.180, 178.458**, and if you desaturate by 10%, it is **71, 14.715, 180.534**.

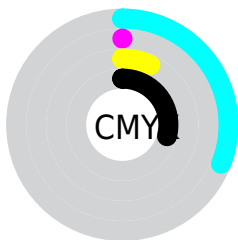
Distribution



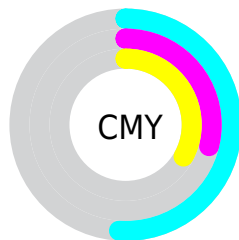
- Red (49%)
- Green (71%)
- Blue (67%)



- Red (49%)
- Yellow (62%)
- Blue (71%)



- Cyan (31%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.169, 179.531 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, 21.169, 179.531 by changing the saturation by 10% instead.


 70, 21.169,
179.531


 70, 21.169,
179.531


 100, 21.169,
179.531


 60, 21.169,
179.531


 90, 21.169,
179.531

 50, 21.169,
179.531

 40, 21.169,
179.531

 30, 21.169,
179.531

 20, 21.169,
179.531

 10, 21.169,
179.531

 0, 21.169, 179.531

70, 21.169,
179.531

70, 21.169,
179.531

69, 27.180,
178.458

71, 14.715,
180.534

68, 32.630,
177.302

72, 7.932, 181.500

67, 37.413,
176.039

74, 0.925, 182.843

75, 6.212, 3.109

67, 41.451,
174.648

77, 13.404, 3.969

67, 44.707,
173.104

79, 20.591, 4.771

81, 27.726, 5.539

66, 47.200,
171.391

81, 29.057, 2.288

66, 48.917,
169.810

81, 29.604,
358.527

Harmonies

Complementary

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



70, 21.169, 179.531



58, 23.993, 5.946

Rectangle

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



70, 21.169, 179.531



70, 21.169, 229.531



70, 21.169, 359.531



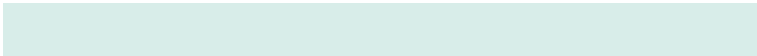
70, 21.169, 49.531

Sweetspot

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



70, 21.170, 179.528



92, 7.845, 181.710



70, 35.493, 136.697



49, 5.486, 181.568



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, 21.170, 179.528



88, 31.240, 178.751



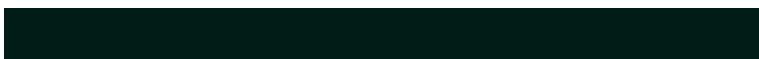
66, 16.152, 232.356



38, 4.010, 181.691



57, 43.409, 170.061



8, 11.690, 175.663

Inverse Universe

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



58, 23.993, 5.946



71, 36.563, 7.105



62, 19.610, 47.918



36, 4.155, 3.249



32, 63.384, 27.843



2, 10.933, 6.822

Previews

White Background



This preview shows how the CIELCh color 70, 21.169, 179.531 looks on a white background.

Color Contrast Check

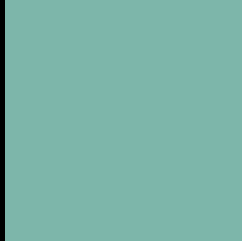
Large Text (above 18pt) WCAG AA × Fail

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 70, 21.169, 179.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

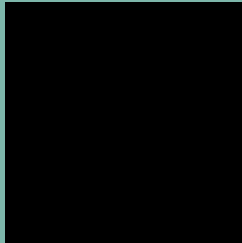
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

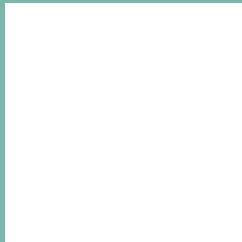
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 21.169, 179.531

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.169, 179.531.

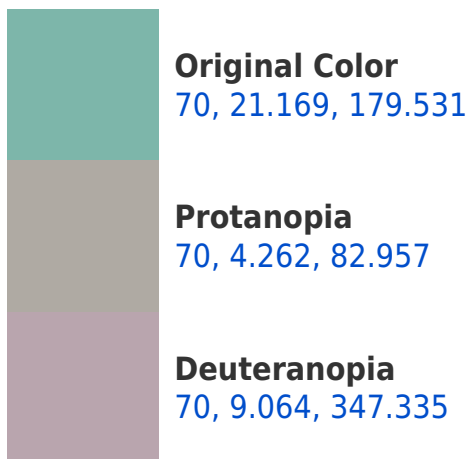


This preview shows how white text looks on a background with the CIELCh color 70, 21.169, 179.531.

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
70, 17.725, 224.067

Trichromacy



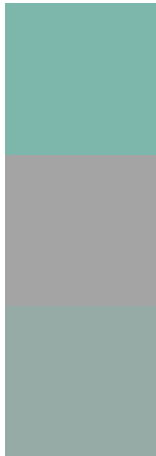
Original Color
70, 21.169, 179.531

Protanomaly
70, 7.771, 164.490

Deuteranomaly
69, 3.142, 219.779

Tritanomaly
70, 17.709, 207.014

Monochromacy



Original Color
70, 21.169, 179.531

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.290, 179.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.169, 179.531 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(125, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(125, 182, 170)  
}
```

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(125, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 182, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.169, 179.531 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(125, 182, 170) }
```

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

```
.border{ border-color:rgb(125, 182, 170) }
```

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

Here you see how a box with a 4 pixel rgb(125, 182, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(125, 182,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.169, 179.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 182, 170) }
```

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

```
.background{ background-color: rgb(125,  
182, 170) }
```

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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