

Converting Colors

CIELCh(70, 21.993, 164.449)

Have a look what the booklet for
CIELCh(70, 21.993, 164.449)
contains.

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Color

CIELCh(70, 21.993, 164.449)

Conversions

Conversions Part 1

Format	Color
Hex	84B6A0
RGB	132, 182, 160
RGB Percent	52%, 71%, 63%
CMY	0.4834, 0.2874, 0.3736
CMYK	0.28, 0.00, 0.12, 0.29
HSL	154°, 25%, 61%
HSV	154°, 28%, 71%
XYZ	32.4621, 40.7494, 39.2838
YIQ	164.5420, -22.7380, -17.4420

Conversions

Conversions Part 2

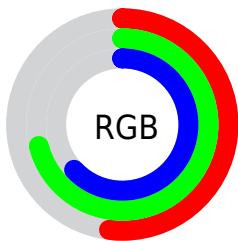
Format	Color
RYB	132, 164, 182
Decimal	8697504
CIELab	70.00, -21.19, 5.90
CIElCh	70, 21.993, 164.449
Yxy	40.7494, 0.2886, 0.3622
Android (android.graphics.Color)	4286887584 (0xFF84B6A0)
YUV	164.5420, -2.2392, -28.5393
Hunter-Lab	63.8353, -20.9393, 8.1980

Details

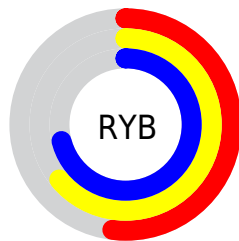
The CIELCh color **70, 21.993, 164.449** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 23.006, 349.672**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 21.878, 164.870**, and **50, 21.858, 164.820** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.644, 163.308**, and if you desaturate by 10%, it is **71, 14.093, 165.478**.

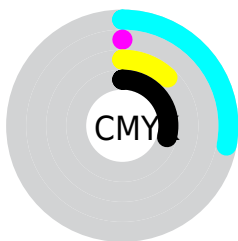
Distribution



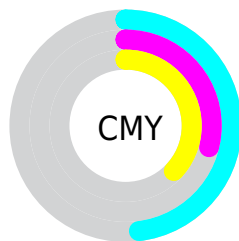
- Red (52%)
- Green (71%)
- Blue (63%)



- Red (52%)
- Yellow (64%)
- Blue (71%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)





- Cyan (48%)
- Magenta (29%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 21.993, 164.449 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, 21.993, 164.449 by changing the saturation by 10% instead.


 70, 21.993,
164.449


 70, 21.993,
164.449


 100, 21.993,
164.449


 60, 21.993,
164.449


 90, 21.993,
164.449

 50, 21.993,
164.449

 40, 21.993,
164.449

 30, 21.993,
164.449

 20, 21.993,
164.449

 10, 21.993,
164.449

 0, 21.993, 164.449

70, 21.993,
164.449

70, 21.993,
164.449

69, 29.644,
163.308

71, 14.093,
165.478

68, 36.910,
162.034

73, 6.057, 166.441

67, 43.661,
160.601

74, 2.013, 347.023

66, 49.776,
158.984

76, 10.038,
347.960

66, 55.169,
157.165

78, 17.955,
348.701

66, 59.806,
155.136

80, 25.722,
349.383


65, 63.756,
152.934

82, 32.110,
348.461

65, 64.699,

82, 34.332,
342.394

152.402

 82, 36.920,
337.175

Harmonies

Complementary

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



70, 21.993, 164.449



60, 23.006, 349.672

Rectangle

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



70, 21.993, 164.449



70, 21.993, 214.449



70, 21.993, 344.449



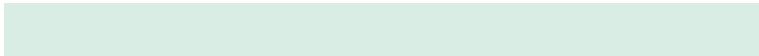
70, 21.993, 34.449

Sweetspot

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



70, 21.994, 164.447



92, 8.010, 166.380



71, 29.108, 129.562



49, 5.739, 166.236



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, 21.994, 164.447



88, 32.548, 163.772



70, 16.347, 202.965



38, 4.607, 166.264



56, 57.345, 152.705



8, 13.861, 160.297

Inverse Universe

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



60, 23.006, 349.672



74, 34.376, 350.400



60, 19.745, 25.435



36, 4.681, 347.781



33, 58.362, 7.072



2, 11.833, 354.198

Previews

White Background



This preview shows how the CIELCh color 70, 21.993, 164.449 looks on a white background.

Color Contrast Check

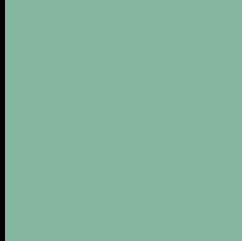
Large Text (above 18pt) WCAG AA × Fail

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, 21.993, 164.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

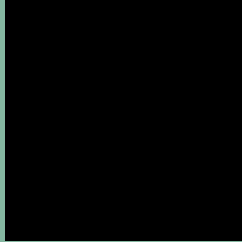
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 21.993, 164.449

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.993, 164.449.



This preview shows how white text looks on a background with the CIELCh color 70, 21.993, 164.449.

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, 21.993, 164.449

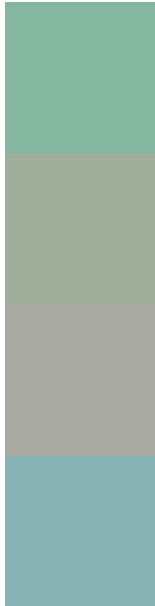
Protanopia
70, 9.785, 90.433

Deuteranopia
70, 9.813, 26.565



Tritanopia
70, 15.061, 229.302

Trichromacy



Original Color
70, 21.993, 164.449

Protanomaly
70, 11.554, 134.783

Deuteranomaly
70, 4.979, 118.517

Tritanomaly
70, 14.977, 200.333

Monochromacy



Original Color
70, 21.993, 164.449

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.112, 165.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.993, 164.449 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(132, 182, 160)` looks like.

```
.text, #text, p{  
    color:rgb(132, 182, 160)  
}
```

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(132, 182, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 182, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.993, 164.449 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(132, 182, 160) }
```

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

```
.border{ border-color:rgb(132, 182, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 182, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 182, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 182, 160);  
box-shadow:4px 4px 4px 4px rgb(132, 182,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.993, 164.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 182, 160) }
```

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

```
.background{ background-color: rgb(132,  
182, 160) }
```

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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