

Converting Colors

CIELCh(70, 26.493, 173.230)

Have a look what the booklet for
CIELCh(70, 26.493, 173.230)
contains.

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Color

CIELCh(70, 26.330, 173.940)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73B8A5 |
| RGB | 115, 184, 165 |
| RGB Percent | 45%, 72%, 65% |
| CMY | 0.5482, 0.2776, 0.3521 |
| CMYK | 0.37, 0.00, 0.10, 0.28 |
| HSL | 163°, 33%, 59% |
| HSV | 163°, 37%, 72% |
| XYZ | 31.0901, 40.7494, 41.9204 |
| YIQ | 161.2030, -35.0250, -20.5370 |

Conversions

Conversions Part 2

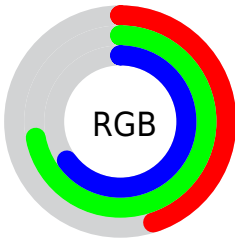
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 115, 155, 184 |
| Decimal | 7583909 |
| CIELab | 70.00, -26.18, 2.78 |
| CIElCh | 70, 26.330, 173.940 |
| Yxy | 40.7494, 0.2733, 0.3582 |
| Android (android.graphics.Color) | 4285773989 (0xFF73B8A5) |
| YUV | 161.2030, 1.8719, -40.5200 |
| Hunter-Lab | 63.8353, -24.7758, 5.7492 |

Details

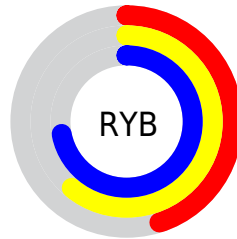
The CIELCh color **70, 26.330, 173.940** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 29.739, 2.111**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 26.299, 174.320**, and **50, 26.653, 173.334** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.484, 172.723**, and if you desaturate by 10%, it is **71, 19.700, 175.053**.

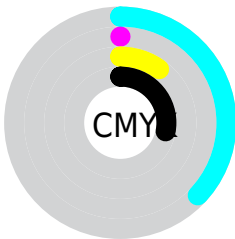
Distribution



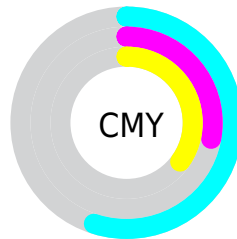
- Red (45%)
- Green (72%)
- Blue (65%)



- Red (45%)
- Yellow (61%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (55%)
- Magenta (28%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.330, 173.940 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, 26.330, 173.940 by changing the saturation by 10% instead.


 70, 26.330,
173.940


 70, 26.330,
173.940


 100, 26.330,
173.940


 60, 26.330,
173.940


 90, 26.330,
173.940

 50, 26.330,
173.940

 40, 26.330,
173.940

 30, 26.330,
173.940

 20, 26.330,
173.940

 10, 26.330,
173.940

 0, 26.330, 173.940

70, 26.330,
173.940

70, 26.330,
173.940

69, 32.484,
172.723

71, 19.700,
175.053

68, 38.042,
171.385

72, 12.713,
176.090

68, 42.904,
169.900

74, 5.485, 177.092

67, 47.007,
168.243

75, 1.883, 357.663

77, 9.307, 358.705

67, 50.340,
166.397

79, 16.717,
359.535

67, 52.993,
164.377

81, 24.064, 0.314

67, 53.629,
163.871

82, 28.658,
358.663

82, 29.586,

Harmonies

Complementary

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



70, 26.330, 173.940



56, 29.739, 2.111

Rectangle

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



70, 26.330, 173.940



70, 26.330, 223.940



70, 26.330, 353.940



70, 26.330, 43.940

Sweetspot

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



70, 26.331, 173.938



93, 9.986, 176.716



70, 41.900, 134.403



49, 6.697, 176.583



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, 26.331, 173.938



88, 38.339, 172.939



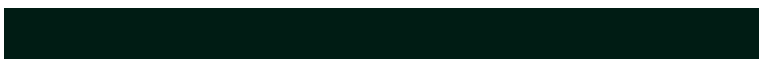
66, 19.261, 223.767



38, 4.148, 176.901



57, 47.118, 164.171



8, 12.264, 170.324

Inverse Universe

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



56, 29.739, 2.111



68, 44.534, 3.563



59, 25.021, 40.970



36, 4.270, 358.502



32, 61.073, 22.461



2, 11.125, 3.142

Previews

White Background



This preview shows how the CIELCh color 70, 26.330, 173.940 looks on a white background.

Color Contrast Check

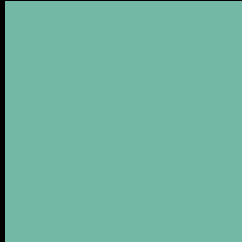
Large Text (above 18pt) WCAG AA × Fail

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, 26.330, 173.940 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

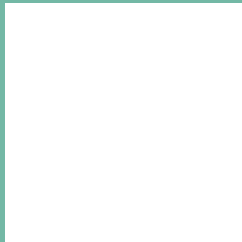
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 26.330, 173.940

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.330, 173.940.

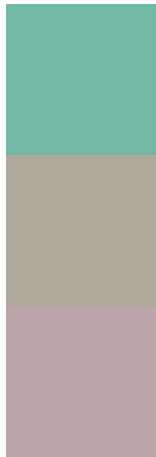


This preview shows how white text looks on a background with the CIELCh color 70, 26.330, 173.940.

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](#).

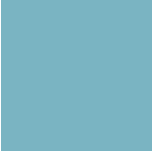
Dichromacy



Original Color
70, 26.330, 173.940

Protanopia
70, 7.458, 91.163

Deuteranopia
70, 8.729, 5.691



Tritanopia
70, 20.085, 220.676

Trichromacy



Original Color
70, 26.330, 173.940

Protanomaly
70, 11.485, 152.905

Deuteranomaly
69, 4.688, 171.225

Tritanomaly
70, 20.662, 200.855

Monochromacy



Original Color
70, 26.330, 173.940

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.871, 178.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.330, 173.940 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(115, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(115, 184, 165)  
}
```

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(115, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 184, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.330, 173.940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

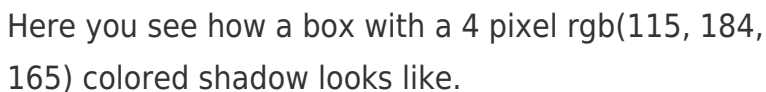
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 184, 165) }
```

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

```
.border{ border-color:rgb(115, 184, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 184, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 184, 165); box-shadow:4px 4px 4px 4px rgb(115, 184, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.330, 173.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 184, 165) }
```

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

```
.background{ background-color: rgb(115,  
184, 165) }
```

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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