

Converting Colors

CIELCh(71, 26.639, 222.422)

Have a look what the booklet for
CIELCh(71, 26.639, 222.422)
contains.

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Color

CIELCh(71, 26.639, 223.477)

Conversions

Conversions Part 1

Format	Color
Hex	67B9CE
RGB	103, 185, 206
RGB Percent	40%, 73%, 81%
CMY	0.5949, 0.2734, 0.1910
CMYK	0.50, 0.10, 0.00, 0.19
HSL	192°, 51%, 61%
HSV	192°, 50%, 81%
XYZ	34.2112, 42.1875, 64.9156
YIQ	162.8760, -55.6130, -10.8530

Conversions

Conversions Part 2

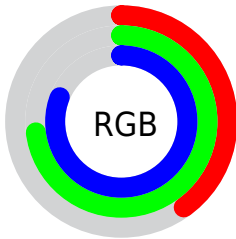
Format	Color
RYB	103, 149, 206
Decimal	6797774
CIELab	71.00, -19.33, -18.33
CIElCh	71, 26.639, 223.477
Yxy	42.1875, 0.2421, 0.2985
Android (android.graphics.Color)	4284987854 (0xFF67B9CE)
YUV	162.8760, 21.2601, -52.5113
Hunter-Lab	64.9519, -19.6471, -13.7906

Details

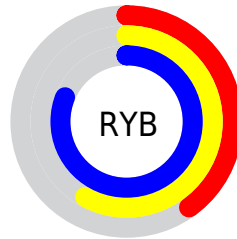
The CIELCh color **71, 26.639, 223.477** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 38.785, 40.188**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 25.741, 214.448**, and **51, 26.644, 223.525** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.241, 225.061**, and if you desaturate by 10%, it is **73, 22.342, 222.273**.

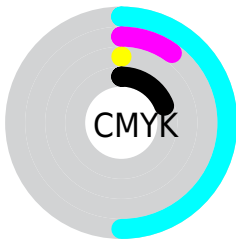
Distribution



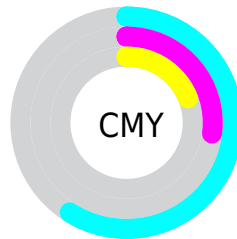
- Red (40%)
- Green (73%)
- Blue (81%)



- Red (40%)
- Yellow (58%)
- Blue (81%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)





- Cyan (59%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 26.639, 223.477 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 71, 26.639, 223.477 by changing the saturation by 10% instead.


 71, 26.639,
223.477


 71, 26.639,
223.477


 100, 26.639,
223.477


 61, 26.639,
223.477


 91, 26.639,
223.477

 51, 26.639,
223.477

 41, 26.639,
223.477

 31, 26.639,
223.477

 21, 26.639,
223.477

 11, 26.639,
223.477

 1, 26.639, 223.477

0, 26.639, 223.477

71, 26.639,
223.477

71, 26.639,
223.477

69, 30.241,
225.061

73, 22.342,
222.273

67, 33.096,
227.114

75, 17.433,
221.382

66, 35.199,
229.718

78, 12.003,
220.744

64, 36.612,
232.944

80, 6.148, 220.329

63, 37.548,
236.725

83, 0.047, 27.992

63, 37.556,
236.754

86, 6.500, 39.654

88, 13.150, 39.597

■ 90, 15.135, 45.724

■ 91, 14.879, 55.665

Harmonies

Complementary

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



71, 26.639, 223.477



60, 38.785, 40.188

Rectangle

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



71, 26.639, 223.477



71, 26.639, 273.477



71, 26.639, 43.477



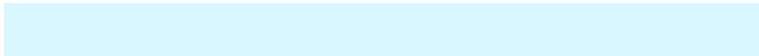
71, 26.639, 93.477

Sweetspot

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



71, 26.638, 223.475



95, 10.883, 220.519



75, 57.318, 146.070



50, 7.380, 220.614



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 26.638, 223.475



84, 35.787, 225.210



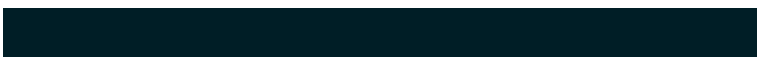
57, 41.641, 282.634



42, 3.487, 220.314



51, 31.863, 236.068



10, 11.739, 226.955

Inverse Universe

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



58, 57.044, 334.008



67, 78.894, 334.823



73, 40.915, 87.214



40, 6.542, 331.221



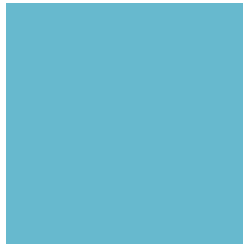
37, 71.561, 338.297



5, 24.578, 335.570

Previews

White Background



This preview shows how the CIELCh color 71, 26.639, 223.477 looks on a white background.

Color Contrast Check

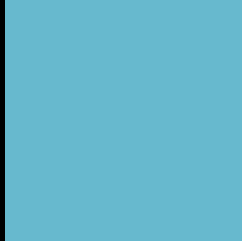
Large Text (above 18pt) WCAG AA × Fail

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 71, 26.639, 223.477 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 71, 26.639, 223.477

Background



This preview shows how black text looks on a background with the CIELCh color 71, 26.639, 223.477.



This preview shows how white text looks on a background with the CIELCh color 71, 26.639, 223.477.

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

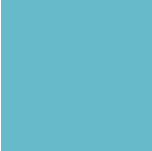
71, 26.639, 223.477

Protanopia

71, 13.687, 287.098

Deuteranopia

71, 22.475, 294.102



Tritanopia
71, 26.443, 215.805

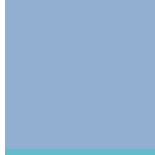
Trichromacy



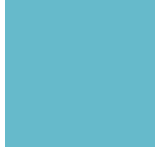
Original Color
71, 26.639, 223.477



Protanomaly
71, 16.238, 249.907



Deuteranomaly
70, 20.559, 264.394



Tritanomaly
71, 26.605, 218.237

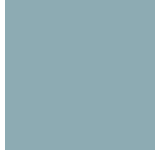
Monochromacy



Original Color
71, 26.639, 223.477



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 11.323, 221.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 26.639, 223.477 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(103, 185, 206)` looks like.

```
.text, #text, p{  
    color:rgb(103, 185, 206)  
}
```

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(103, 185, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 185, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 26.639, 223.477 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(103, 185, 206) }
```

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

```
.border{ border-color:rgb(103, 185, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 185, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 185, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 185, 206);  
box-shadow:4px 4px 4px 4px rgb(103, 185,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 26.639, 223.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 185, 206) }
```

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

```
.background{ background-color: rgb(103,  
185, 206) }
```

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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