

Converting Colors

CIELCh(72, 26.653, 179.533)

Have a look what the booklet for
CIELCh(72, 26.653, 179.533)
contains.

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Color

CIELCh(72, 26.570, 179.335)

Conversions

Conversions Part 1

Format	Color
Hex	74BEAF
RGB	116, 190, 175
RGB Percent	45%, 75%, 69%
CMY	0.5449, 0.2547, 0.3135
CMYK	0.39, 0.00, 0.08, 0.25
HSL	168°, 36%, 60%
HSV	168°, 39%, 75%
XYZ	33.3734, 43.6590, 47.2480
YIQ	166.1640, -39.2890, -20.3530

Conversions

Conversions Part 2

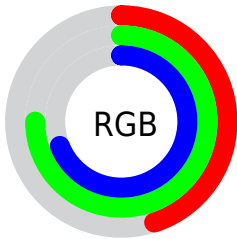
Format	Color
RYB	116, 157, 190
Decimal	7650991
CIELab	72.00, -26.57, 0.31
CIElCh	72, 26.570, 179.335
Yxy	43.6590, 0.2685, 0.3513
Android (android.graphics.Color)	4285841071 (0xFF74BEAF)
YUV	166.1640, 4.3561, -43.9938
Hunter-Lab	66.0750, -25.4738, 3.8562

Details

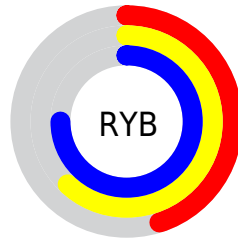
The CIELCh color **72, 26.570, 179.335** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 31.282, 7.765**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 26.872, 178.502**, and **52, 26.367, 180.037** is the 20% darker color. If you saturate the color by 10%, you get **71, 32.304, 178.210**, and if you desaturate by 10%, it is **73, 20.276, 180.378**.

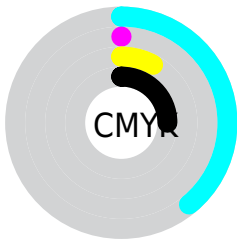
Distribution



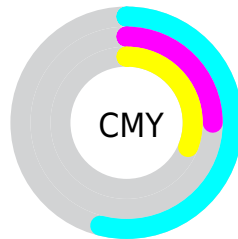
- Red (45%)
- Green (75%)
- Blue (69%)



- Red (45%)
- Yellow (62%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)





- Cyan (54%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.570, 179.335 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, 26.570, 179.335 by changing the saturation by 10% instead.


 72, 26.570,
179.335


 72, 26.570,
179.335


 100, 26.570,
179.335


 62, 26.570,
179.335


 92, 26.570,
179.335

 52, 26.570,
179.335

 42, 26.570,
179.335

 32, 26.570,
179.335

 22, 26.570,
179.335

 12, 26.570,
179.335

 2, 26.570, 179.335

0, 26.570, 179.335

72, 26.570,
179.335

72, 26.570,
179.335

71, 32.304,
178.210

73, 20.276,
180.378

70, 37.363,
176.989

74, 13.542,
181.365

70, 41.658,
175.646

76, 6.487, 182.327

77, 0.782, 2.505

69, 45.142,
174.160

79, 8.173, 3.915

69, 47.820,
172.509

81, 15.610, 4.756

69, 49.837,
170.717

83, 23.033, 5.550

■ 69, 50.041,
170.529

■ 83, 25.627, 2.757

■ 83, 26.183,
358.496

Harmonies

Complementary

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



72, 26.570, 179.335



57, 31.282, 7.765

Rectangle

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



72, 26.570, 179.335



72, 26.570, 229.335



72, 26.570, 359.335



72, 26.570, 49.335

Sweetspot

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



72, 26.571, 179.333



95, 10.741, 182.012



72, 45.555, 136.211



51, 7.169, 181.885



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 26.571, 179.333



90, 38.593, 178.347



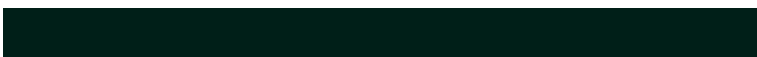
66, 20.268, 233.461



39, 4.087, 182.287



58, 43.514, 170.810



9, 13.171, 176.077

Inverse Universe

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



57, 31.282, 7.765



68, 47.296, 9.441



62, 26.039, 47.677



37, 4.238, 3.842



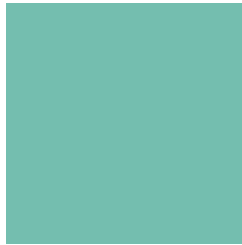
33, 64.505, 28.529



3, 12.537, 7.895

Previews

White Background



This preview shows how the CIELCh color 72, 26.570, 179.335 looks on a white background.

Color Contrast Check

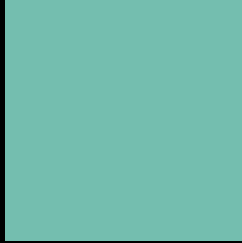
Large Text (above 18pt) WCAG AA × Fail

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, 26.570, 179.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

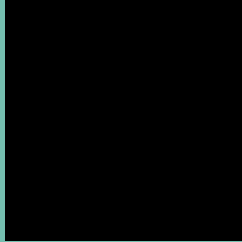
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

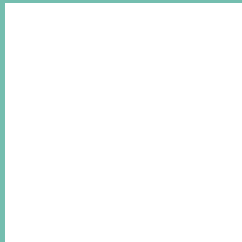
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 26.570, 179.335

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.570, 179.335.

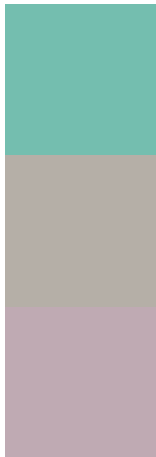


This preview shows how white text looks on a background with the CIELCh color 72, 26.570, 179.335.

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
72, 26.570, 179.335

Protanopia
72, 4.898, 81.716

Deuteranopia
72, 9.338, 348.623



Tritanopia
72, 21.471, 220.541

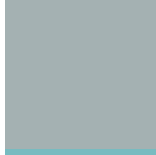
Trichromacy



Original Color
72, 26.570, 179.335



Protanomaly
71, 10.183, 166.238



Deuteranomaly
71, 4.786, 205.676

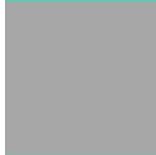


Tritanomaly
72, 21.944, 204.951

Monochromacy



Original Color
72, 26.570, 179.335



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 10.481, 180.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.570, 179.335 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(116, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(116, 190, 175)  
}
```

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(116, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 190, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.570, 179.335 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(116, 190, 175) }
```

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

```
.border{ border-color:rgb(116, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(116, 190,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.570, 179.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 190, 175) }
```

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

```
.background{ background-color: rgb(116,  
190, 175) }
```

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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