

Converting Colors

CIELCh(73, 31.504, 172.501)

Have a look what the booklet for
CIELCh(73, 31.504, 172.501)
contains.

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Color

CIELCh(73, 31.504, 172.501)

Conversions

Conversions Part 1

Format	Color
Hex	6FC3AB
RGB	111, 195, 171
RGB Percent	44%, 76%, 67%
CMY	0.5660, 0.2366, 0.3307
CMYK	0.43, 0.00, 0.12, 0.24
HSL	163°, 41%, 60%
HSV	163°, 43%, 76%
XYZ	33.2725, 45.1644, 45.3284
YIQ	167.1480, -42.3600, -25.2720

Conversions

Conversions Part 2

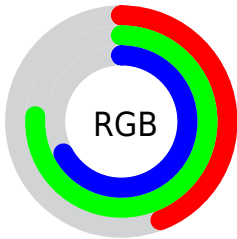
Format	Color
RYB	111, 160, 195
Decimal	7324587
CIELab	73.00, -31.23, 4.11
CIELCh	73, 31.504, 172.501
Yxy	45.1644, 0.2688, 0.3649
Android (android.graphics.Color)	4285514667 (0xFF6FC3AB)
YUV	167.1480, 1.8990, -49.2418
Hunter-Lab	67.2044, -29.2337, 7.0529

Details

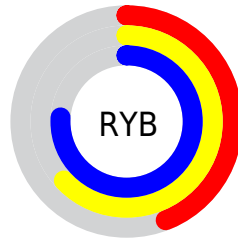
The CIELCh color **73, 31.504, 172.501** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 36.104, 2.364**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 31.740, 172.331**, and **53, 31.638, 172.574** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.665, 171.198**, and if you desaturate by 10%, it is **74, 24.775, 173.683**.

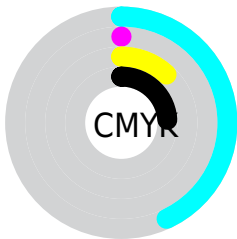
Distribution



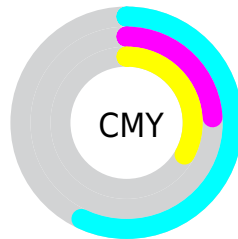
- Red (44%)
- Green (76%)
- Blue (67%)



- Red (44%)
- Yellow (63%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)





- Cyan (57%)
- Magenta (24%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 31.504, 172.501 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 73, 31.504, 172.501 by changing the saturation by 10% instead.


 73, 31.504,
172.501


 73, 31.504,
172.501


 100, 31.504,
172.501


 63, 31.504,
172.501


 93, 31.504,
172.501

 53, 31.504,
172.501

 43, 31.504,
172.501

 33, 31.504,
172.501

 23, 31.504,
172.501

 13, 31.504,
172.501

 3, 31.504, 172.501

■ 0, 31.504, 172.501

■ 73, 31.504,
172.501

■ 73, 31.504,
172.501

■ 72, 37.665,
171.198

■ 74, 24.775,
173.683

■ 71, 43.141,
169.755

■ 75, 17.605,
174.772

■ 71, 47.845,
168.145

■ 77, 10.121,
175.793

■ 70, 51.740,
166.348

■ 78, 2.439, 176.874

■ 70, 54.856,
164.356

■ 80, 5.342, 357.470

■ 70, 56.687,
162.933

■ 82, 13.141,
358.354

■ 84, 20.895,

359.159

■ 85, 24.650,
355.735

■ 85, 25.862,
349.794

Harmonies

Complementary

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



73, 31.504, 172.501



57, 36.104, 2.364

Rectangle

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



73, 31.504, 172.501



73, 31.504, 222.501



73, 31.504, 352.501



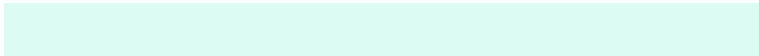
73, 31.504, 42.501

Sweetspot

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



73, 31.505, 172.500



97, 12.357, 175.787



73, 50.022, 133.580



52, 8.698, 175.562



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 31.505, 172.500



91, 45.561, 171.244



69, 22.751, 222.044



40, 4.362, 176.172



59, 48.916, 163.265



10, 15.455, 169.047

Inverse Universe

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



57, 36.104, 2.364



67, 53.801, 4.297



60, 31.171, 39.536



38, 4.487, 357.788



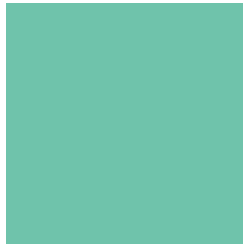
33, 62.279, 21.731



3, 14.560, 4.203

Previews

White Background



This preview shows how the CIELCh color 73, 31.504, 172.501 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 73, 31.504, 172.501 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

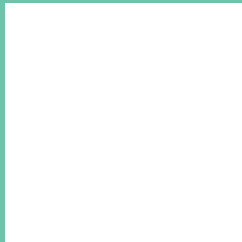
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 31.504, 172.501

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.504, 172.501.

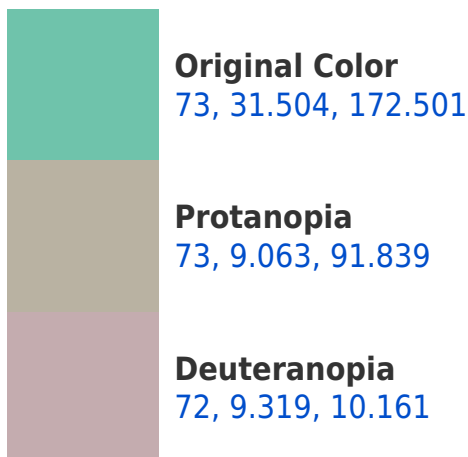


This preview shows how white text looks on a background with the CIELCh color 73, 31.504, 172.501.

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



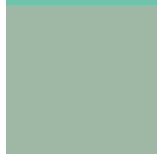


Tritanopia
73, 23.199, 218.600

Trichromacy



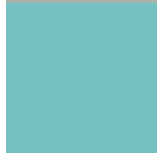
Original Color
73, 31.504, 172.501



Protanomaly
72, 14.273, 152.102



Deuteranomaly
72, 6.795, 164.841

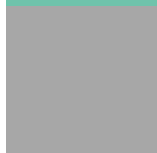


Tritanomaly
73, 24.266, 198.868

Monochromacy



Original Color
73, 31.504, 172.501



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 12.136, 174.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.504, 172.501 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(111, 195, 171)` looks like.

```
.text, #text, p{  
    color:rgb(111, 195, 171)  
}
```

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(111, 195, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 195, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.504, 172.501 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(111, 195, 171) }
```

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

```
.border{ border-color:rgb(111, 195, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 195, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 195, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 195, 171);  
box-shadow:4px 4px 4px 4px rgb(111, 195,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.504, 172.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 195, 171) }
```

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

```
.background{ background-color: rgb(111,  
195, 171) }
```

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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