

Converting Colors

CIELCh(73, 24.775, 184.736)

Have a look what the booklet for
CIELCh(73, 24.775, 184.736)
contains.

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Color

CIELCh(73, 24.649, 184.692)

Conversions

Conversions Part 1

Format	Color
Hex	79C0B6
RGB	121, 192, 182
RGB Percent	47%, 75%, 71%
CMY	0.5253, 0.2469, 0.2861
CMYK	0.37, 0.00, 0.05, 0.25
HSL	172°, 36%, 61%
HSV	172°, 37%, 75%
XYZ	35.1973, 45.1644, 51.1404
YIQ	169.6310, -39.1060, -18.1620

Conversions

Conversions Part 2

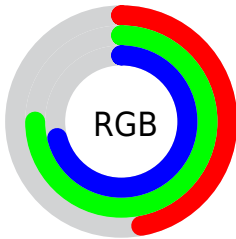
Format	Color
RYB	121, 159, 192
Decimal	7979190
CIELab	73.00, -24.57, -2.02
CIElCh	73, 24.649, 184.692
Yxy	45.1644, 0.2677, 0.3435
Android (android.graphics.Color)	4286169270 (0xFF79C0B6)
YUV	169.6310, 6.0979, -42.6494
Hunter-Lab	67.2044, -24.1213, 1.9253

Details

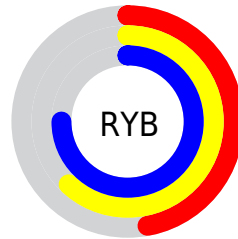
The CIELCh color **73, 24.649, 184.692** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 29.679, 12.133**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 24.799, 184.526**, and **53, 24.689, 184.706** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.183, 183.733**, and if you desaturate by 10%, it is **74, 18.527, 185.603**.

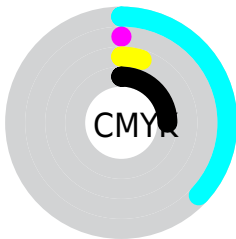
Distribution



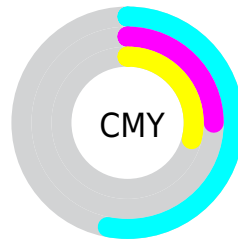
- Red (47%)
- Green (75%)
- Blue (71%)



- Red (47%)
- Yellow (62%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)





- Cyan (53%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 24.649, 184.692 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, 24.649, 184.692 by changing the saturation by 10% instead.

 73, 24.649,
184.692

 73, 24.649,
184.692

 100, 24.649,
184.692


 63, 24.649,
184.692


 93, 24.649,
184.692

 53, 24.649,
184.692

 43, 24.649,
184.692

 33, 24.649,
184.692

 23, 24.649,
184.692

 13, 24.649,
184.692

 3, 24.649, 184.692

0, 24.649, 184.692

73, 24.649,
184.692

73, 24.649,
184.692

72, 30.183,
183.733

74, 18.527,
185.603

71, 35.015,
182.716

75, 11.935,
186.488

71, 39.059,
181.621

77, 4.990, 187.388

70, 42.262,
180.427

78, 2.201, 7.871

80, 9.546, 8.847

70, 44.629,
179.114

82, 16.967, 9.649

70, 46.247,
177.672

84, 24.224, 10.317

■ 70, 46.677,
177.233

■ 84, 24.410, 7.030

■ 84, 24.681, 3.807

Harmonies

Complementary

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



73, 24.649, 184.692



59, 29.679, 12.133

Rectangle

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



73, 24.649, 184.692



73, 24.649, 234.692



73, 24.649, 4.692



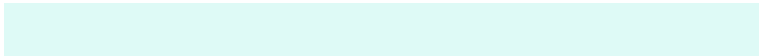
73, 24.649, 54.692

Sweetspot

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



73, 24.650, 184.690



96, 9.685, 187.000



72, 44.589, 138.125



51, 6.491, 186.878



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 24.650, 184.690



92, 35.331, 183.954



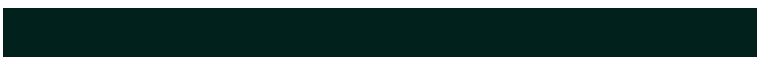
66, 19.902, 242.583



40, 4.073, 187.162



59, 40.804, 177.449



10, 13.669, 181.456

Inverse Universe

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



59, 29.679, 12.133



70, 44.428, 13.530



64, 24.358, 54.831



38, 4.253, 8.615



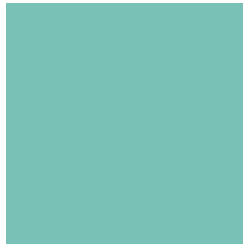
33, 68.005, 32.955



3, 14.151, 11.757

Previews

White Background



This preview shows how the CIELCh color 73, 24.649, 184.692 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, 24.649, 184.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

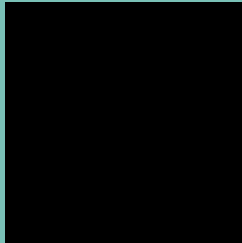
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

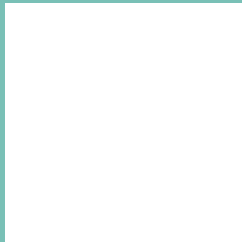
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 24.649, 184.692

Background



This preview shows how black text looks on a background with the CIELCh color 73, 24.649, 184.692.

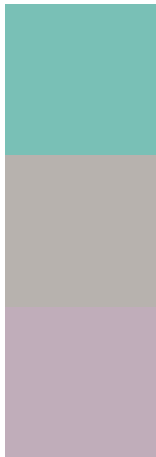


This preview shows how white text looks on a background with the CIELCh color 73, 24.649, 184.692.

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

73, 24.649, 184.692

Protanopia

73, 2.859, 68.492

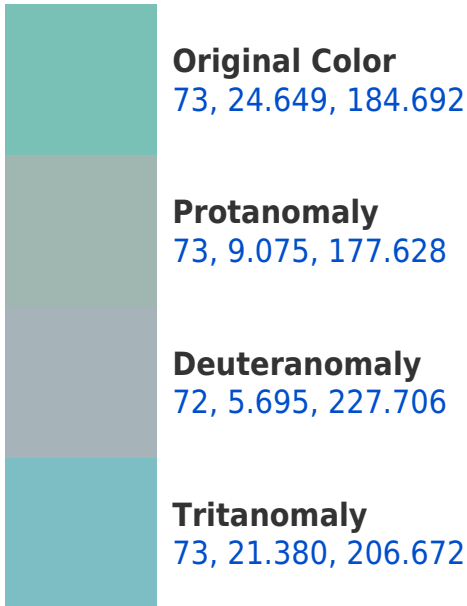
Deuteranopia

73, 10.035, 335.580

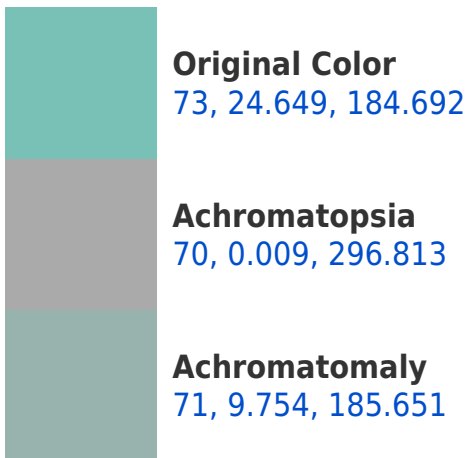


Tritanopia
73, 21.208, 220.792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 24.649, 184.692 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(121, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(121, 192, 182)  
}
```

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(121, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 192, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 24.649, 184.692 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(121, 192, 182) }
```

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

```
.border{ border-color:rgb(121, 192, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 192, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 192, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 192, 182);  
box-shadow:4px 4px 4px 4px rgb(121, 192,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 24.649, 184.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 192, 182) }
```

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

```
.background{ background-color: rgb(121,  
192, 182) }
```

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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