

Converting Colors

CIELCh(73, 20.783, 175.560)

Have a look what the booklet for
CIELCh(73, 20.783, 175.560)
contains.

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Color

CIELCh(73, 20.647, 176.121)

Conversions

Conversions Part 1

Format	Color
Hex	88BEB0
RGB	136, 190, 176
RGB Percent	53%, 75%, 69%
CMY	0.4669, 0.2551, 0.3100
CMYK	0.28, 0.00, 0.07, 0.26
HSL	164°, 29%, 64%
HSV	164°, 28%, 74%
XYZ	36.3767, 45.1644, 47.8456
YIQ	172.2580, -27.6900, -15.8020

Conversions

Conversions Part 2

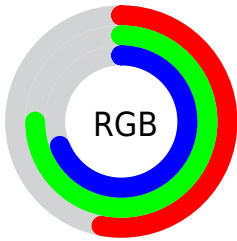
Format	Color
RYB	136, 167, 190
Decimal	8961712
CIELab	73.00, -20.60, 1.40
CIELCh	73, 20.647, 176.121
Yxy	45.1644, 0.2811, 0.3491
Android (android.graphics.Color)	4287151792 (0xFF88BEB0)
YUV	172.2580, 1.8448, -31.7983
Hunter-Lab	67.2044, -20.9885, 4.8321

Details

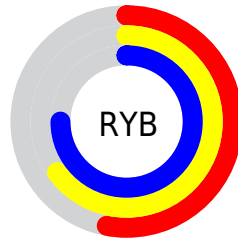
The CIELCh color **73, 20.647, 176.121** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 22.735, 1.948**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 20.177, 177.067**, and **53, 20.333, 177.309** is the 20% darker color. If you saturate the color by 10%, you get **72, 27.300, 175.006**, and if you desaturate by 10%, it is **74, 13.606, 177.155**.

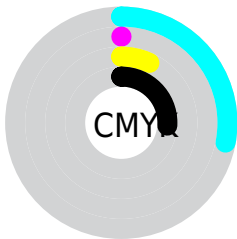
Distribution



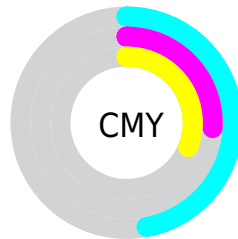
- Red (53%)
- Green (75%)
- Blue (69%)



- Red (53%)
- Yellow (65%)
- Blue (75%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (47%)
- Magenta (26%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.647, 176.121 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, 20.647, 176.121 by changing the saturation by 10% instead.


 73, 20.647,
176.121


 73, 20.647,
176.121


 100, 20.647,
176.121


 63, 20.647,
176.121


 93, 20.647,
176.121

 53, 20.647,
176.121

 43, 20.647,
176.121

 33, 20.647,
176.121

 23, 20.647,
176.121

 13, 20.647,
176.121

 3, 20.647, 176.121

0, 20.647, 176.121

73, 20.647,
176.121

73, 20.647,
176.121

72, 27.300,
175.006

74, 13.606,
177.155

71, 33.437,
173.795

76, 6.292, 178.153

70, 38.941,
172.464

77, 1.187, 358.581

79, 8.742, 359.781

70, 43.714,
170.988

81, 16.300, 0.621

69, 47.696,
169.343

83, 23.807, 1.410

69, 50.888,
167.512

83, 26.355,
357.675

■ 69, 53.408,
165.519

■ 83, 27.316,
352.606

■ 69, 53.786,
165.211

■ 84, 28.490,
347.936

Harmonies

Complementary

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



73, 20.647, 176.121



62, 22.735, 1.948

Rectangle

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



73, 20.647, 176.121



73, 20.647, 226.121



73, 20.647, 356.121



73, 20.647, 46.121

Sweetspot

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



73, 20.648, 176.118



96, 8.321, 178.080



73, 32.865, 135.405



51, 5.821, 177.933



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, 20.648, 176.118



92, 30.212, 175.448



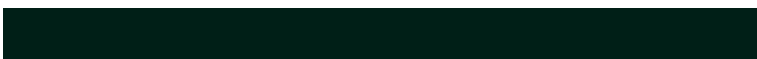
70, 15.419, 225.184



39, 4.205, 178.060



58, 46.743, 165.523



9, 13.776, 171.233

Inverse Universe

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



62, 22.735, 1.948



76, 34.018, 2.842



65, 18.601, 42.646



37, 4.336, 359.662



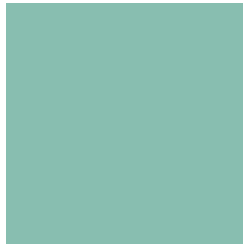
33, 62.368, 23.941



3, 12.704, 4.818

Previews

White Background



This preview shows how the CIELCh color 73, 20.647, 176.121 looks on a white background.

Color Contrast Check

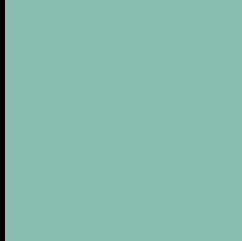
Large Text (above 18pt) WCAG AA × Fail

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 73, 20.647, 176.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

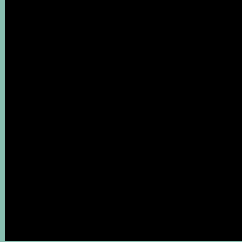
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

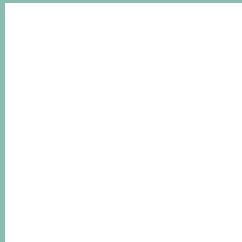
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 20.647, 176.121

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.647, 176.121.

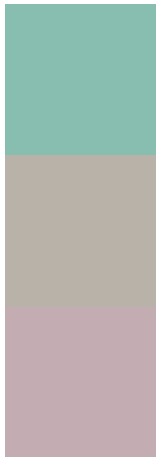


This preview shows how white text looks on a background with the CIELCh color 73, 20.647, 176.121.

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](#).

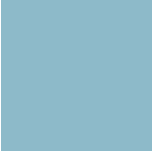
Dichromacy



Original Color
73, 20.647, 176.121

Protanopia
73, 5.369, 84.351

Deuteranopia
73, 8.957, 358.909



Tritanopia
73, 16.802, 227.601

Trichromacy



Original Color
73, 20.647, 176.121

Protanomaly
73, 7.847, 155.121

Deuteranomaly
73, 1.939, 183.249

Tritanomaly
73, 16.457, 207.756

Monochromacy



Original Color
73, 20.647, 176.121

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 8.116, 174.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.647, 176.121 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(136, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(136, 190, 176)  
}
```

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(136, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 190, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.647, 176.121 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(136, 190, 176) }
```

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

```
.border{ border-color:rgb(136, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(136, 190,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.647, 176.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 190, 176) }
```

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

```
.background{ background-color: rgb(136,  
190, 176) }
```

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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