

Converting Colors

CIELCh(73, 19.212, 184.180)

Have a look what the booklet for
CIELCh(73, 19.212, 184.180)
contains.

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Color

CIELCh(73, 19.055, 184.668)

Conversions

Conversions Part 1

Format	Color
Hex	88BDB5
RGB	136, 189, 181
RGB Percent	53%, 74%, 71%
CMY	0.4653, 0.2574, 0.2888
CMYK	0.28, 0.00, 0.04, 0.26
HSL	171°, 29%, 64%
HSV	171°, 28%, 74%
XYZ	36.8622, 45.1644, 50.6824
YIQ	172.2410, -29.0200, -13.7240

Conversions

Conversions Part 2

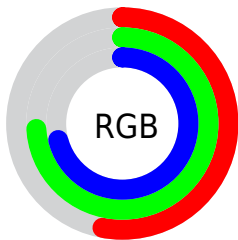
Format	Color
RYB	136, 165, 189
Decimal	8961461
CIELab	73.00, -18.99, -1.55
CIELCh	73, 19.055, 184.668
Yxy	45.1644, 0.2778, 0.3403
Android (android.graphics.Color)	4287151541 (0xFF88BDB5)
YUV	172.2410, 4.3182, -31.7834
Hunter-Lab	67.2044, -19.6990, 2.3294

Details

The CIELCh color **73, 19.055, 184.668** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 21.761, 10.000**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.727, 185.412**, and **53, 19.364, 183.559** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.106, 183.725**, and if you desaturate by 10%, it is **74, 12.538, 185.570**.

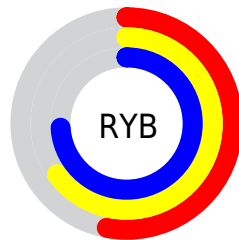
Distribution



Red (53%)

Green (74%)

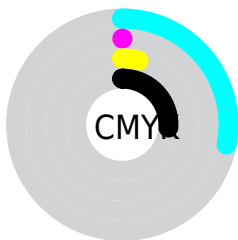
Blue (71%)



Red (53%)

Yellow (65%)

Blue (74%)

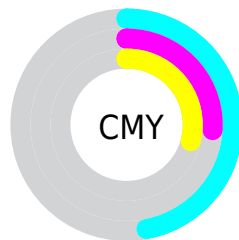


Cyan (28%)

Magenta (0%)

Yellow (4%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 19.055, 184.668 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, 19.055, 184.668 by changing the saturation by 10% instead.

 73, 19.055,
184.668

 73, 19.055,
184.668

 100, 19.055,
184.668

 63, 19.055,
184.668

 93, 19.055,
184.668

 53, 19.055,
184.668

 43, 19.055,
184.668

 33, 19.055,
184.668

 23, 19.055,
184.668

 13, 19.055,
184.668

 3, 19.055, 184.668

0, 19.055, 184.668

73, 19.055,
184.668

73, 19.055,
184.668

72, 25.106,
183.725

74, 12.538,
185.570

71, 30.570,
182.735

76, 5.669, 186.476

70, 35.338,
181.676

77, 1.445, 6.870

79, 8.711, 7.968

70, 39.326,
180.530

80, 16.053, 8.781

69, 42.486,
179.276

82, 23.410, 9.557

83, 25.505, 7.316

69, 44.826,
177.892

83, 25.780, 4.046

■ 69, 46.459,
176.381

■ 83, 26.143, 0.859

■ 69, 46.759,
176.078

Harmonies

Complementary

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



73, 19.055, 184.668



62, 21.761, 10.000

Rectangle

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



73, 19.055, 184.668



73, 19.055, 234.668



73, 19.055, 4.668



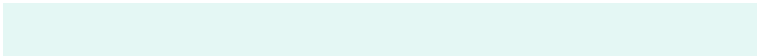
73, 19.055, 54.668

Sweetspot

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



73, 19.056, 184.665



96, 7.046, 186.463



72, 33.304, 138.293



51, 5.037, 186.321



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, 19.056, 184.665



92, 28.218, 184.053



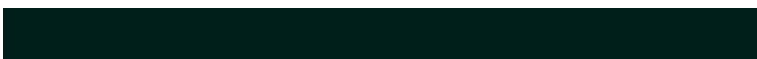
68, 15.161, 238.796



39, 3.999, 186.349



58, 40.813, 176.311



9, 12.680, 180.867

Inverse Universe

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



62, 21.761, 10.000



76, 33.357, 10.964



66, 17.679, 53.597



37, 4.170, 7.817



33, 66.715, 32.225



3, 12.417, 10.773

Previews

White Background



This preview shows how the CIELCh color 73, 19.055, 184.668 looks on a white background.

Color Contrast Check

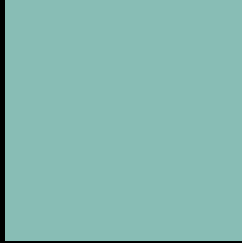
Large Text (above 18pt) WCAG AA × Fail

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, 19.055, 184.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

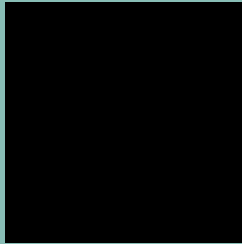
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

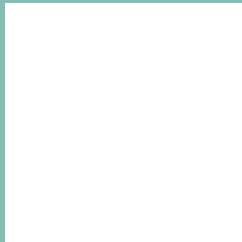
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 19.055, 184.668

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.055, 184.668.

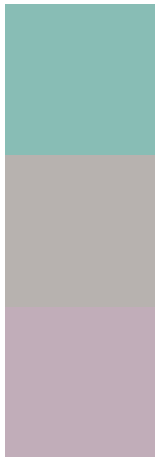


This preview shows how white text looks on a background with the CIELCh color 73, 19.055, 184.668.

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](#).

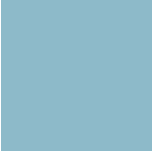
Dichromacy



Original Color
73, 19.055, 184.668

Protanopia
73, 2.476, 60.269

Deuteranopia
73, 9.946, 339.377



Tritanopia
73, 16.802, 227.601

Trichromacy



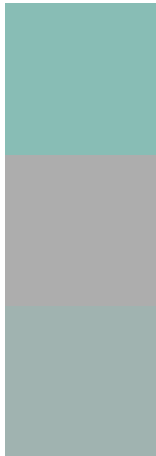
Original Color
73, 19.055, 184.668

Protanomaly
73, 6.532, 174.368

Deuteranomaly
73, 3.700, 246.732

Tritanomaly
73, 16.549, 211.590

Monochromacy



Original Color
73, 19.055, 184.668

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.181, 185.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.055, 184.668 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, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 181)  
}
```

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, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.055, 184.668 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, 189, 181) }
```

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

```
.border{ border-color:rgb(136, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 189, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 189, 181); box-shadow:4px 4px 4px 4px rgb(136, 189, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.055, 184.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 181) }
```

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

```
.background{ background-color: rgb(136,  
189, 181) }
```

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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