

Converting Colors

CIELCh(73, 18.085, 196.337)

Have a look what the booklet for
CIELCh(73, 18.085, 196.337)
contains.

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Color

CIELCh(73, 18.134, 196.284)

Conversions

Conversions Part 1

Format	Color
Hex	88BDBC
RGB	136, 189, 188
RGB Percent	53%, 74%, 74%
CMY	0.4673, 0.2595, 0.2634
CMYK	0.28, 0.00, 0.01, 0.26
HSL	179°, 29%, 64%
HSV	179°, 28%, 74%
XYZ	37.3451, 45.1644, 54.2287
YIQ	173.0390, -31.2670, -11.5470

Conversions

Conversions Part 2

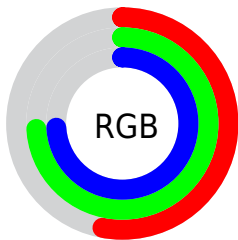
Format	Color
R_{YB}	136, 163, 189
Decimal	8961468
CIE _{Lab}	73.00, -17.41, -5.08
CIE _{LCh}	73, 18.134, 196.284
Yxy	45.1644, 0.2731, 0.3303
Android (android.graphics.Color)	4287151548 (0xFF88BDBC)
YUV	173.0390, 7.3758, -32.4832
Hunter-Lab	67.2044, -18.4164, -0.7993

Details

The CIELCh color **73, 18.134, 196.284** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 21.757, 20.207**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.939, 196.620**, and **53, 18.233, 195.784** is the 20% darker color. If you saturate the color by 10%, you get **72, 23.639, 195.775**, and if you desaturate by 10%, it is **74, 12.060, 196.830**.

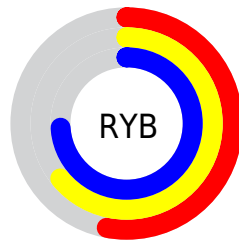
Distribution



Red (53%)

Green (74%)

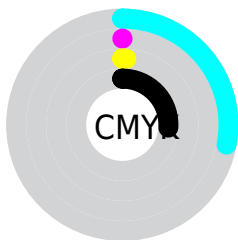
Blue (74%)



Red (53%)

Yellow (64%)

Blue (74%)

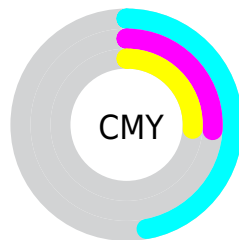


Cyan (28%)

Magenta (0%)

Yellow (1%)

Black (26%)



Cyan (47%)


Magenta (26%)


Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 18.134, 196.284 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, 18.134, 196.284 by changing the saturation by 10% instead.

 73, 18.134,
196.284

 73, 18.134,
196.284


 100, 18.134,
196.284

 63, 18.134,
196.284


 93, 18.134,
196.284

 53, 18.134,
196.284

 43, 18.134,
196.284

 33, 18.134,
196.284

 23, 18.134,
196.284

 13, 18.134,
196.284

 3, 18.134, 196.284

0, 18.134, 196.284

73, 18.134,
196.284

73, 18.134,
196.284

72, 23.639,
195.775

74, 12.060,
196.830

71, 28.467,
195.314

75, 5.527, 197.449

71, 32.523,
194.896

77, 1.356, 17.560

78, 8.493, 18.502

70, 35.742,
194.520

80, 15.801, 19.162

70, 38.099,
194.180

82, 23.210, 19.813

83, 25.513, 19.728

69, 39.621,
193.869

83, 25.499, 19.311

■ 69, 40.432,
193.577

■ 83, 25.487, 18.894

■ 69, 40.560,
193.522

Harmonies

Complementary

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



73, 18.134, 196.284



62, 21.757, 20.207

Rectangle

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



73, 18.134, 196.284



73, 18.134, 246.284



73, 18.134, 16.284



73, 18.134, 66.284

Sweetspot

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



73, 18.135, 196.280



95, 6.769, 197.445



72, 34.762, 141.734



50, 4.791, 197.343



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 18.135, 196.280



91, 26.461, 195.948



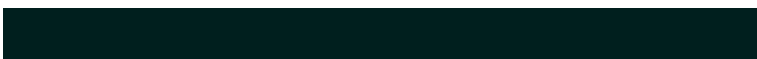
66, 16.417, 255.902



39, 3.870, 197.362



59, 35.558, 193.559



9, 11.751, 194.615

Inverse Universe

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



62, 21.757, 20.207



75, 33.292, 21.045



68, 18.009, 68.422



37, 4.095, 18.387



32, 72.069, 38.905



3, 12.257, 18.314

Previews

White Background



This preview shows how the CIELCh color 73, 18.134, 196.284 looks on a white background.

Color Contrast Check

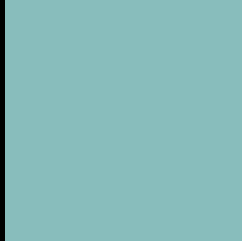
Large Text (above 18pt) WCAG AA × Fail

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, 18.134, 196.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

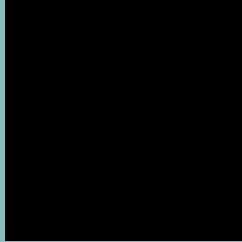
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

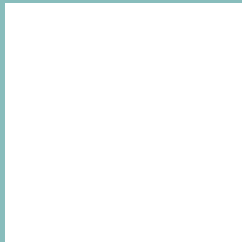
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 18.134, 196.284

Background



This preview shows how black text looks on a background with the CIELCh color 73, 18.134, 196.284.



This preview shows how white text looks on a background with the CIELCh color 73, 18.134, 196.284.

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

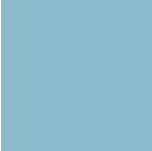
73, 18.134, 196.284

Protanopia

73, 1.993, 324.412

Deuteranopia

73, 11.669, 323.405



Tritanopia
73, 17.586, 226.108

Trichromacy



Original Color
73, 18.134, 196.284

Protanomaly
73, 6.182, 204.045

Deuteranomaly
73, 6.738, 262.083

Tritanomaly
73, 17.282, 214.734

Monochromacy



Original Color
73, 18.134, 196.284

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.313, 194.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 18.134, 196.284 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 18.134, 196.284 is called "border". The border property can be set on classes, ids or directly on the HTML element.

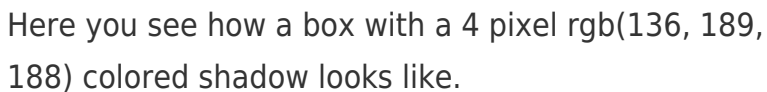
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 189, 188) }
```

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

```
.border{ border-color:rgb(136, 189, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 189, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 189, 188); box-shadow:4px 4px 4px 4px rgb(136, 189, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 18.134, 196.284 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, 188) }
```

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

```
.background{ background-color: rgb(136,  
189, 188) }
```

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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