

Converting Colors

CIELCh(71, 18.573, 194.550)

Have a look what the booklet for
CIELCh(71, 18.573, 194.550)
contains.

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Color

CIELCh(71, 18.573, 194.550)

Conversions

Conversions Part 1

Format	Color
Hex	82B8B6
RGB	130, 184, 182
RGB Percent	51%, 72%, 71%
CMY	0.4917, 0.2800, 0.2879
CMYK	0.29, 0.00, 0.01, 0.28
HSL	178°, 27%, 61%
HSV	178°, 29%, 72%
XYZ	34.6032, 42.1875, 50.3564
YIQ	167.6260, -31.5420, -12.0700

Conversions

Conversions Part 2

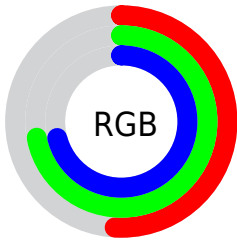
Format	Color
R_{YB}	130, 158, 184
Decimal	8566966
CIE _{Lab}	71.00, -17.98, -4.67
CIE _{LCh}	71, 18.573, 194.550
Yxy	42.1875, 0.2722, 0.3318
Android (android.graphics.Color)	4286757046 (0xFF82B8B6)
YUV	167.6260, 7.0864, -32.9980
Hunter-Lab	64.9519, -18.5699, -0.5005

Details

The CIELCh color **71, 18.573, 194.550** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 22.337, 18.971**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.363, 194.973**, and **51, 18.661, 193.908** is the 20% darker color. If you saturate the color by 10%, you get **70, 23.932, 193.971**, and if you desaturate by 10%, it is **72, 12.658, 195.153**.

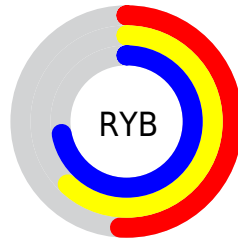
Distribution



Red (51%)

Green (72%)

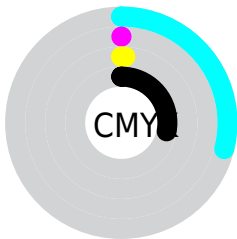
Blue (71%)



Red (51%)

Yellow (62%)

Blue (72%)

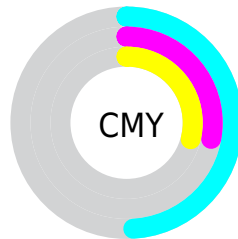


Cyan (29%)

Magenta (0%)

Yellow (1%)

Black (28%)



Cyan (49%)


Magenta (28%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 18.573, 194.550 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 71, 18.573, 194.550 by changing the saturation by 10% instead.


 71, 18.573,
194.550


 71, 18.573,
194.550


 100, 18.573,
194.550


 61, 18.573,
194.550


 91, 18.573,
194.550

 51, 18.573,
194.550

 41, 18.573,
194.550

 31, 18.573,
194.550

 21, 18.573,
194.550

 11, 18.573,
194.550

 1, 18.573, 194.550

■ 0, 18.573, 194.550

■ 71, 18.573,
194.550

■ 71, 18.573,
194.550

■ 70, 23.932,
193.971

■ 72, 12.658,
195.153

■ 69, 28.627,
193.422

■ 73, 6.297, 195.810

■ 69, 32.569,
192.897

■ 75, 0.407, 15.101

■ 76, 7.356, 16.941

■ 68, 35.695,
192.391

■ 78, 14.470, 17.634

■ 68, 37.981,
191.895

■ 80, 21.679, 18.310

■ 81, 27.690, 18.742

■ 68, 39.458,
191.398

■ 81, 27.669, 18.007

■ 67, 40.293,
190.892

■ 81, 27.652, 17.272

■ 67, 40.337,
190.863

Harmonies

Complementary

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



71, 18.573, 194.550



60, 22.337, 18.971

Rectangle

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



71, 18.573, 194.550



71, 18.573, 244.550



71, 18.573, 14.550



71, 18.573, 64.550

Sweetspot

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



71, 18.574, 194.546



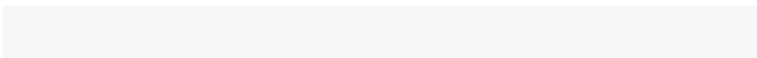
93, 7.486, 195.828



70, 35.401, 141.225



49, 5.181, 195.726



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 18.574, 194.546



90, 26.819, 194.187



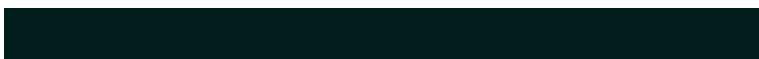
64, 16.551, 254.157



38, 3.793, 195.815



58, 35.674, 190.930



8, 10.628, 193.538

Inverse Universe

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



60, 22.337, 18.971



73, 33.699, 19.815



66, 18.400, 66.470



36, 4.004, 16.915



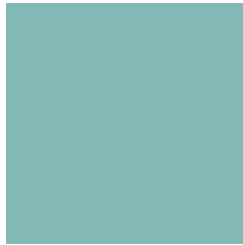
32, 70.471, 38.099



2, 10.652, 17.151

Previews

White Background



This preview shows how the CIELCh color 71, 18.573, 194.550 looks on a white background.

Color Contrast Check

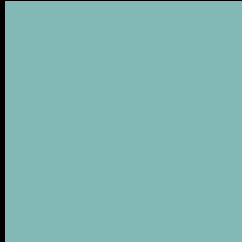
Large Text (above 18pt) WCAG AA × Fail

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 71, 18.573, 194.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

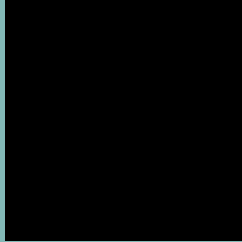
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

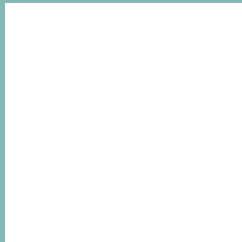
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 18.573, 194.550

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.573, 194.550.

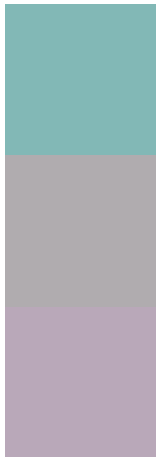


This preview shows how white text looks on a background with the CIELCh color 71, 18.573, 194.550.

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
71, 18.573, 194.550

Protanopia
71, 2.241, 332.353

Deuteranopia
71, 11.276, 324.918



Tritanopia
71, 17.629, 226.200

Trichromacy



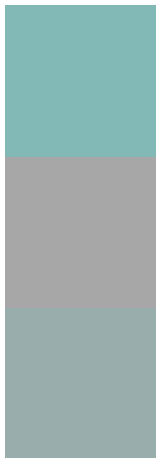
Original Color
71, 18.573, 194.550

Protanomaly
71, 6.215, 204.033

Deuteranomaly
71, 6.302, 259.626

Tritanomaly
71, 17.323, 214.771

Monochromacy



Original Color
71, 18.573, 194.550

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.353, 194.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.573, 194.550 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(130, 184, 182)` looks like.

```
.text, #text, p{  
    color:rgb(130, 184, 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(130, 184, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 184, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.573, 194.550 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(130, 184, 182) }
```

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

```
.border{ border-color:rgb(130, 184, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 184, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 184, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 184, 182);  
box-shadow:4px 4px 4px 4px rgb(130, 184,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.573, 194.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 184, 182) }
```

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

```
.background{ background-color: rgb(130,  
184, 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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