

Converting Colors

CIELCh(71, 19.401, 174.705)

Have a look what the booklet for
CIELCh(71, 19.401, 174.705)
contains.

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Color

CIELCh(71, 19.545, 174.756)

Conversions

Conversions Part 1

Format	Color
Hex	86B8AA
RGB	134, 184, 170
RGB Percent	53%, 72%, 67%
CMY	0.4750, 0.2789, 0.3338
CMYK	0.27, 0.00, 0.08, 0.28
HSL	163°, 26%, 62%
HSV	163°, 27%, 72%
XYZ	34.1729, 42.1875, 44.3134
YIQ	167.4540, -25.3060, -14.9540

Conversions

Conversions Part 2

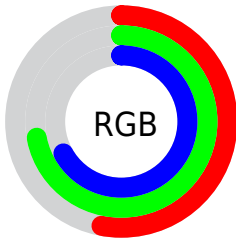
Format	Color
RYB	134, 163, 184
Decimal	8829098
CIELab	71.00, -19.46, 1.79
CIELCh	71, 19.545, 174.756
Yxy	42.1875, 0.2832, 0.3496
Android (android.graphics.Color)	4287019178 (0xFF86B8AA)
YUV	167.4540, 1.2552, -29.3392
Hunter-Lab	64.9519, -19.7522, 5.0158

Details

The CIELCh color **71, 19.545, 174.756** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 21.283, 0.276**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.602, 174.698**, and **51, 19.514, 174.486** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.207, 173.638**, and if you desaturate by 10%, it is **72, 12.536, 175.791**.

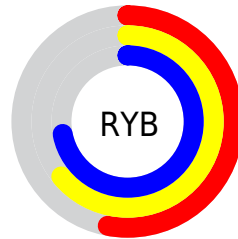
Distribution



Red (53%)

Green (72%)

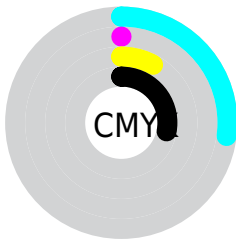
Blue (67%)



Red (53%)

Yellow (64%)

Blue (72%)

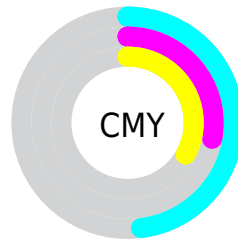


Cyan (27%)

Magenta (0%)

Yellow (8%)

Black (28%)



Cyan (48%)


Magenta (28%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.545, 174.756 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, 19.545, 174.756 by changing the saturation by 10% instead.


 71, 19.545,
174.756


 71, 19.545,
174.756


 100, 19.545,
174.756


 61, 19.545,
174.756


 91, 19.545,
174.756

 51, 19.545,
174.756

 41, 19.545,
174.756

 31, 19.545,
174.756

 21, 19.545,
174.756

 11, 19.545,
174.756

 1, 19.545, 174.756

0, 19.545, 174.756

71, 19.545,
174.756

71, 19.545,
174.756

70, 26.207,
173.638

72, 12.536,
175.791

69, 32.397,
172.422

74, 5.292, 176.794

68, 37.998,
171.082

75, 2.086, 357.386

77, 9.514, 358.404

68, 42.910,
169.593

79, 16.925,
359.230

67, 47.066,
167.932

81, 24.268, 0.007

67, 50.454,
166.082

82, 28.854,
358.326

■ 67, 53.154,
164.054

■ 82, 29.812,
353.427

■ 66, 53.869,
163.490

■ 82, 30.990,
348.886

Harmonies

Complementary

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



71, 19.545, 174.756



61, 21.283, 0.276

Rectangle

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



71, 19.545, 174.756



71, 19.545, 224.756



71, 19.545, 354.756



71, 19.545, 44.756

Sweetspot

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



71, 19.546, 174.753



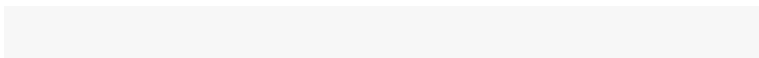
93, 7.299, 176.697



71, 30.465, 134.975



49, 5.178, 176.545



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, 19.546, 174.753



89, 29.073, 174.054



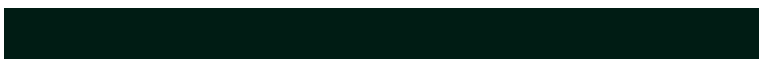
68, 14.504, 222.847



38, 4.158, 176.575



57, 47.390, 163.789



8, 12.307, 169.981

Inverse Universe

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



61, 21.283, 0.276



74, 32.341, 1.173



63, 17.383, 40.908



36, 4.279, 358.177



32, 60.932, 22.059



2, 11.140, 2.888

Previews

White Background



This preview shows how the CIELCh color 71, 19.545, 174.756 looks on a white background.

Color Contrast Check

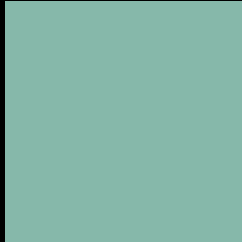
Large Text (above 18pt) WCAG AA × Fail

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, 19.545, 174.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

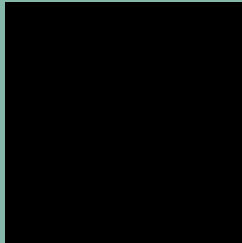
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.545, 174.756

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.545, 174.756.

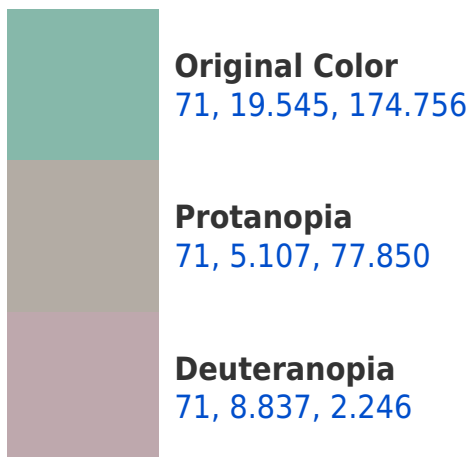


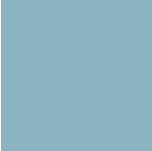
This preview shows how white text looks on a background with the CIELCh color 71, 19.545, 174.756.

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





Tritanopia
71, 15.796, 229.921

Trichromacy



Original Color
71, 19.545, 174.756

Protanomaly
71, 7.375, 151.189

Deuteranomaly
71, 1.861, 163.663

Tritanomaly
71, 15.280, 208.622

Monochromacy



Original Color
71, 19.545, 174.756

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.261, 176.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.545, 174.756 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(134, 184, 170)` looks like.

```
.text, #text, p{  
    color:rgb(134, 184, 170)  
}
```

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(134, 184, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 184, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.545, 174.756 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(134, 184, 170) }
```

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

```
.border{ border-color:rgb(134, 184, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 184, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 184, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 184, 170);  
box-shadow:4px 4px 4px 4px rgb(134, 184,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.545, 174.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 184, 170) }
```

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

```
.background{ background-color: rgb(134,  
184, 170) }
```

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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