

Converting Colors

CIELCh(69, 18.334, 186.116)

Have a look what the booklet for
CIELCh(69, 18.334, 186.116)
contains.

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Color

CIELCh(69, 18.393, 185.771)

Conversions

Conversions Part 1

Format	Color
Hex	7FB2AB
RGB	127, 178, 171
RGB Percent	50%, 70%, 67%
CMY	0.5016, 0.3016, 0.3290
CMYK	0.29, 0.00, 0.04, 0.30
HSL	172°, 25%, 60%
HSV	172°, 29%, 70%
XYZ	32.0674, 39.3444, 44.4818
YIQ	161.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

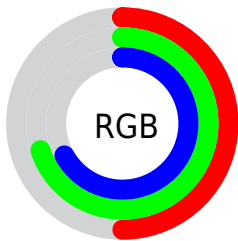
Format	Color
RYB	127, 154, 178
Decimal	8368811
CIELab	69.00, -18.30, -1.85
CIElCh	69, 18.393, 185.771
Yxy	39.3444, 0.2767, 0.3395
Android (android.graphics.Color)	4286558891 (0xFF7FB2AB)
YUV	161.9530, 4.4602, -30.6538
Hunter-Lab	62.7251, -18.5131, 1.8618

Details

The CIELCh color **69, 18.393, 185.771** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 21.171, 11.125**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 18.541, 185.131**, and **49, 18.169, 186.220** is the 20% darker color. If you saturate the color by 10%, you get **68, 24.060, 184.863**, and if you desaturate by 10%, it is **70, 12.268, 186.644**.

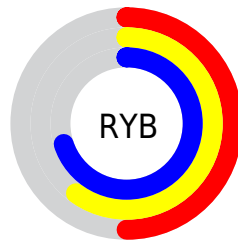
Distribution



Red (50%)

Green (70%)

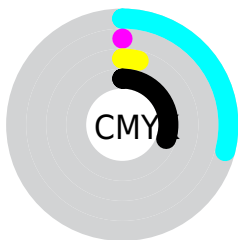
Blue (67%)



Red (50%)

Yellow (60%)

Blue (70%)

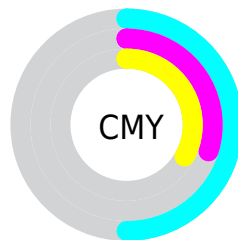


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (30%)



Cyan (50%)

Magenta (30%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.393, 185.771 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 69, 18.393, 185.771 by changing the saturation by 10% instead.

 69, 18.393,
185.771


 69, 18.393,
185.771


 100, 18.393,
185.771


 59, 18.393,
185.771


 89, 18.393,
185.771

 49, 18.393,
185.771

 99, 18.393,
185.771

 39, 18.393,
185.771

 29, 18.393,
185.771

 19, 18.393,
185.771

 9, 18.393, 185.771

 0, 18.393, 185.771

69, 18.393,
185.771

69, 18.393,
185.771

68, 24.060,
184.863

70, 12.268,
186.644

67, 29.156,
183.914

71, 5.793, 187.523

67, 33.582,
182.906

73, 0.930, 7.732

74, 7.813, 8.983

66, 37.259,
181.821

76, 14.781, 9.787

66, 40.146,
180.638

78, 21.775, 10.555

80, 28.750, 11.300

65, 42.254,
179.338

80, 30.096, 9.441

65, 43.717,
177.928

80, 30.254, 7.028

65, 43.904,

Harmonies

Complementary

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



69, 18.393, 185.771



58, 21.171, 11.125

Rectangle

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



69, 18.393, 185.771



69, 18.393, 235.771



69, 18.393, 5.771



69, 18.393, 55.771

Sweetspot

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



69, 18.394, 185.768



90, 7.478, 187.476



68, 32.580, 138.712



48, 5.226, 187.346



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 18.394, 185.768



87, 26.606, 185.234



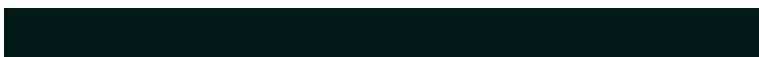
64, 14.814, 241.133



37, 3.801, 187.461



57, 39.175, 177.928



7, 9.567, 183.294

Inverse Universe

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



58, 21.171, 11.125



71, 31.635, 11.994



63, 17.210, 55.431



35, 3.969, 8.885



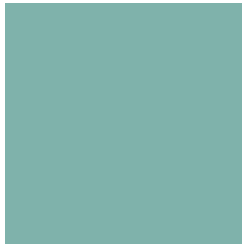
31, 65.617, 32.963



2, 9.283, 10.656

Previews

White Background



This preview shows how the CIELCh color 69, 18.393, 185.771 looks on a white background.

Color Contrast Check

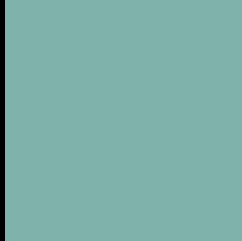
Large Text (above 18pt) WCAG AA × Fail

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 69, 18.393, 185.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

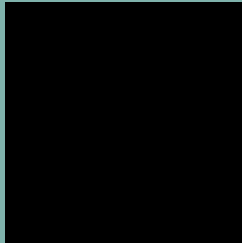
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.393, 185.771

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.393, 185.771.

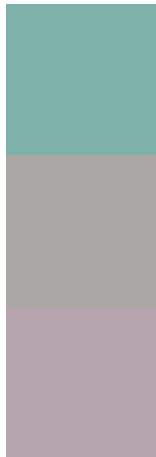


This preview shows how white text looks on a background with the CIELCh color 69, 18.393, 185.771.

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
69, 18.393, 185.771

Protanopia
69, 1.865, 55.192

Deuteranopia
69, 9.126, 338.816



Tritanopia
69, 16.417, 226.493

Trichromacy



Original Color
69, 18.393, 185.771

Protanomaly
69, 6.376, 178.744

Deuteranomaly
68, 3.741, 246.771

Tritanomaly
69, 15.974, 210.183

Monochromacy



Original Color
69, 18.393, 185.771

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.258, 185.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.393, 185.771 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(127, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(127, 178, 171)  
}
```

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(127, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 178, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.393, 185.771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

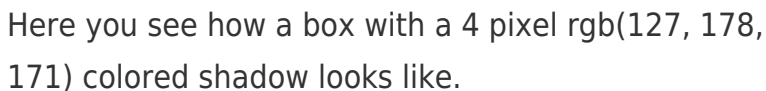
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 178, 171) }
```

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

```
.border{ border-color:rgb(127, 178, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 178, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 178, 171); box-shadow:4px 4px 4px 4px rgb(127, 178, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.393, 185.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 178, 171) }
```

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

```
.background{ background-color: rgb(127,  
178, 171) }
```

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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