

Converting Colors

CIELCh(70, 19.754, 200.803)

Have a look what the booklet for
CIELCh(70, 19.754, 200.803)
contains.

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Color

CIELCh(70, 19.804, 201.051)

Conversions

Conversions Part 1

Format	Color
Hex	7AB5B7
RGB	122, 181, 183
RGB Percent	48%, 71%, 72%
CMY	0.5205, 0.2891, 0.2813
CMYK	0.33, 0.01, 0.00, 0.28
HSL	182°, 30%, 60%
HSV	182°, 33%, 72%
XYZ	33.2218, 40.7494, 51.0663
YIQ	163.5870, -35.8060, -11.8860

Conversions

Conversions Part 2

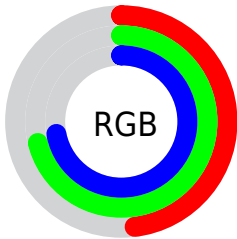
Format	Color
RYB	122, 152, 183
Decimal	8041911
CIELab	70.00, -18.48, -7.11
CIElCh	70, 19.804, 201.051
Yxy	40.7494, 0.2657, 0.3259
Android (android.graphics.Color)	4286231991 (0xFF7AB5B7)
YUV	163.5870, 9.5706, -36.4718
Hunter-Lab	63.8353, -18.8148, -2.7456

Details

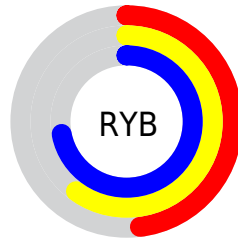
The CIELCh color **70, 19.804, 201.051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 24.981, 24.677**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 19.682, 201.197**, and **50, 19.922, 200.802** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.613, 200.833**, and if you desaturate by 10%, it is **71, 14.387, 201.347**.

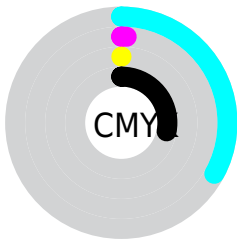
Distribution



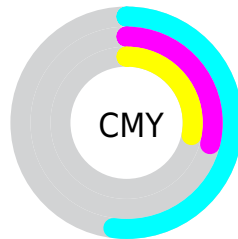
- Red (48%)
- Green (71%)
- Blue (72%)



- Red (48%)
- Yellow (60%)
- Blue (72%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)





- Cyan (52%)
- Magenta (29%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 19.804, 201.051 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 70, 19.804, 201.051 by changing the saturation by 10% instead.


 70, 19.804,
201.051


 70, 19.804,
201.051


 100, 19.804,
201.051


 60, 19.804,
201.051


 90, 19.804,
201.051

 50, 19.804,
201.051

 40, 19.804,
201.051

 30, 19.804,
201.051

 20, 19.804,
201.051

 10, 19.804,
201.051

 0, 19.804, 201.051

70, 19.804,
201.051

70, 19.804,
201.051

69, 24.613,
200.833

71, 14.387,
201.347

68, 28.717,
200.714

73, 8.467, 201.729

74, 2.146, 202.322

67, 32.038,
200.701

76, 4.480, 22.421

67, 34.530,
200.805

77, 11.326, 22.981

66, 36.192,
201.032

79, 18.321, 23.513

81, 25.407, 24.052

66, 37.076,
201.387

82, 26.971, 24.679

66, 37.384,
201.675

82, 26.768, 25.341

Harmonies

Complementary

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



70, 19.804, 201.051



58, 24.981, 24.677

Rectangle

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



70, 19.804, 201.051



70, 19.804, 251.051



70, 19.804, 21.051



70, 19.804, 71.051

Sweetspot

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



70, 19.804, 201.048



92, 7.925, 201.871



69, 40.144, 142.514



49, 5.430, 201.805



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 19.804, 201.048



87, 28.402, 200.881



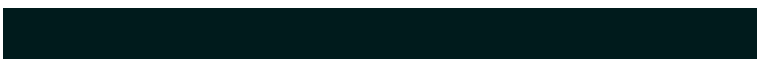
62, 19.875, 262.563



38, 3.654, 201.911



56, 33.135, 201.605



8, 9.983, 202.260

Inverse Universe

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



59, 39.691, 327.142



72, 58.395, 327.527



65, 21.583, 73.028



36, 6.758, 325.817



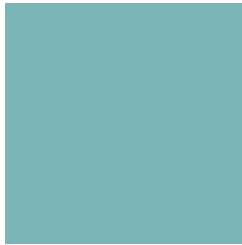
36, 77.893, 329.559



3, 18.210, 325.992

Previews

White Background



This preview shows how the CIELCh color 70, 19.804, 201.051 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 70, 19.804, 201.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

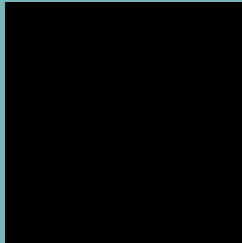
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.804, 201.051

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.804, 201.051.

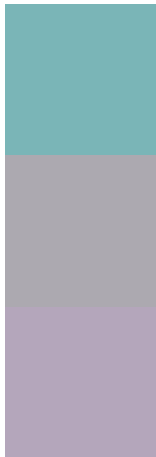


This preview shows how white text looks on a background with the CIELCh color 70, 19.804, 201.051.

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

70, 19.804, 201.051

Protanopia

70, 4.017, 306.699

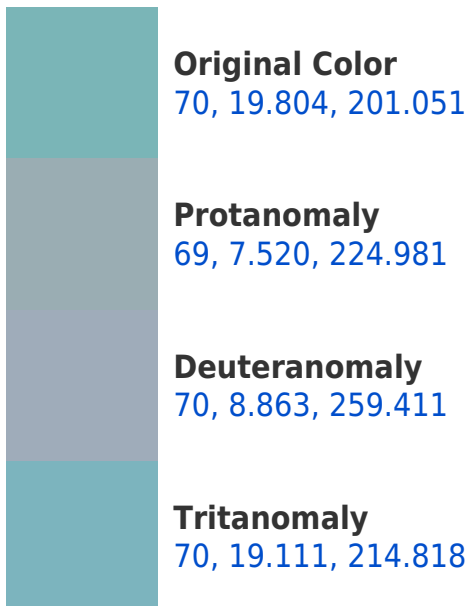
Deuteranopia

70, 12.668, 315.120



Tritanopia
70, 19.304, 221.695

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.804, 201.051 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(122, 181, 183)` looks like.

```
.text, #text, p{  
    color:rgb(122, 181, 183)  
}
```

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(122, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 181, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.804, 201.051 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(122, 181, 183) }
```

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

```
.border{ border-color:rgb(122, 181, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(122, 181,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.804, 201.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 181, 183) }
```

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

```
.background{ background-color: rgb(122,  
181, 183) }
```

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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