

Converting Colors

CIELCh(70, 24.125, 190.881)

Have a look what the booklet for
CIELCh(70, 24.125, 190.881)
contains.

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Color

CIELCh(70, 24.139, 190.930)

Conversions

Conversions Part 1

Format	Color
Hex	70B8B3
RGB	112, 184, 179
RGB Percent	44%, 72%, 70%
CMY	0.5625, 0.2802, 0.2998
CMYK	0.39, 0.00, 0.03, 0.28
HSL	176°, 34%, 58%
HSV	176°, 39%, 72%
XYZ	31.7668, 40.7494, 48.6061
YIQ	161.9020, -41.3070, -16.8190

Conversions

Conversions Part 2

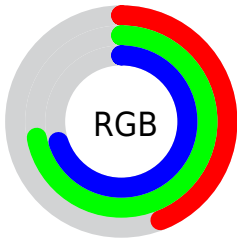
Format	Color
RYB	112, 149, 184
Decimal	7387315
CIELab	70.00, -23.70, -4.58
CIElCh	70, 24.139, 190.930
Yxy	40.7494, 0.2623, 0.3364
Android (android.graphics.Color)	4285577395 (0xFF70B8B3)
YUV	161.9020, 8.4293, -43.7641
Hunter-Lab	63.8353, -22.8834, -0.4605

Details

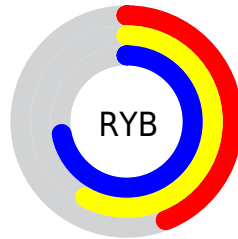
The CIELCh color **70, 24.139, 190.930** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 30.600, 17.935**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 24.000, 191.591**, and **50, 24.284, 189.969** is the 20% darker color. If you saturate the color by 10%, you get **69, 28.982, 190.227**, and if you desaturate by 10%, it is **71, 18.657, 191.629**.

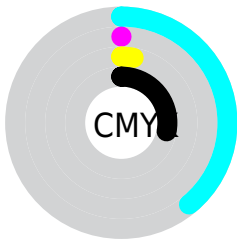
Distribution



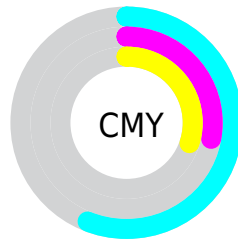
- Red (44%)
- Green (72%)
- Blue (70%)



- Red (44%)
- Yellow (58%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)





- Cyan (56%)
- Magenta (28%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 24.139, 190.930 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, 24.139, 190.930 by changing the saturation by 10% instead.


 70, 24.139,
190.930


 70, 24.139,
190.930


 100, 24.139,
190.930


 60, 24.139,
190.930


 90, 24.139,
190.930

 50, 24.139,
190.930

 40, 24.139,
190.930

 30, 24.139,
190.930

 20, 24.139,
190.930

 10, 24.139,
190.930

 0, 24.139, 190.930

70, 24.139,
190.930

70, 24.139,
190.930

69, 28.982,
190.227

71, 18.657,
191.629

69, 33.089,
189.519

72, 12.644,
192.339

68, 36.393,
188.794

73, 6.211, 193.082

68, 38.864,
188.037

75, 0.536, 12.756

76, 7.503, 14.343

67, 40.525,
187.233

78, 14.610, 15.082

67, 41.536,
186.381

80, 21.791, 15.797

81, 27.653, 16.114

67, 41.608,
186.316

81, 27.650, 14.734

Harmonies

Complementary

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



70, 24.139, 190.930



55, 30.600, 17.935

Rectangle

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



70, 24.139, 190.930



70, 24.139, 240.930



70, 24.139, 10.930



70, 24.139, 60.930

Sweetspot

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



70, 24.139, 190.927



93, 9.975, 192.853



69, 46.484, 139.620



49, 6.593, 192.757



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, 24.139, 190.927



88, 34.609, 190.327



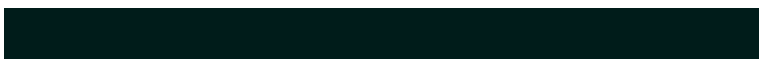
62, 21.147, 251.989



38, 3.815, 193.073



58, 36.785, 186.435



8, 10.761, 189.952

Inverse Universe

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



55, 30.600, 17.935



66, 46.543, 19.521



62, 25.081, 61.830



36, 4.014, 14.300



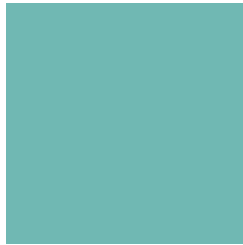
32, 69.285, 36.736



2, 10.677, 15.188

Previews

White Background



This preview shows how the CIELCh color 70, 24.139, 190.930 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, 24.139, 190.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

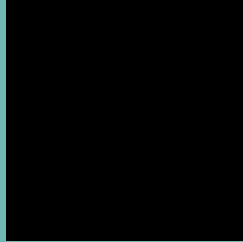
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

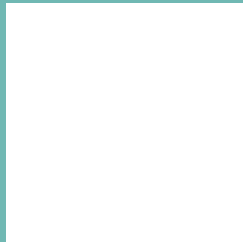
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 24.139, 190.930

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.139, 190.930.

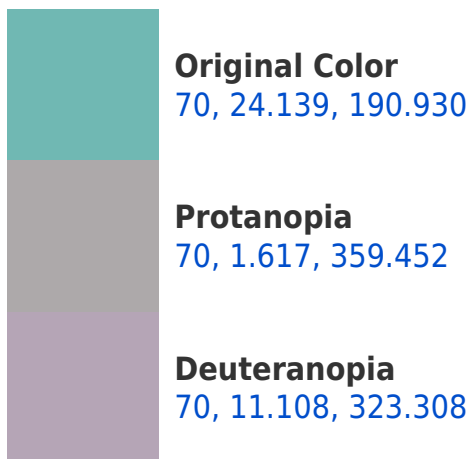


This preview shows how white text looks on a background with the CIELCh color 70, 24.139, 190.930.

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](#).

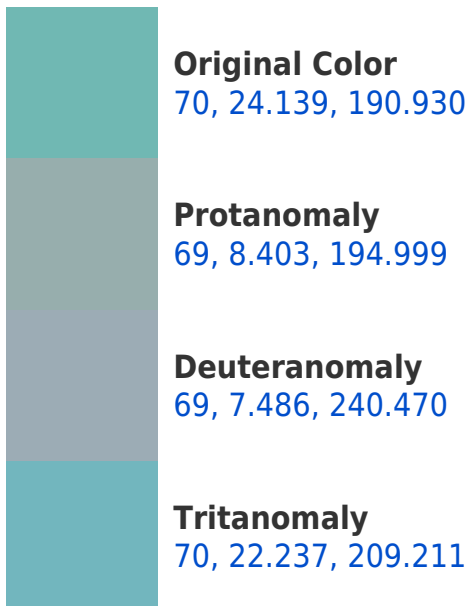
Dichromacy



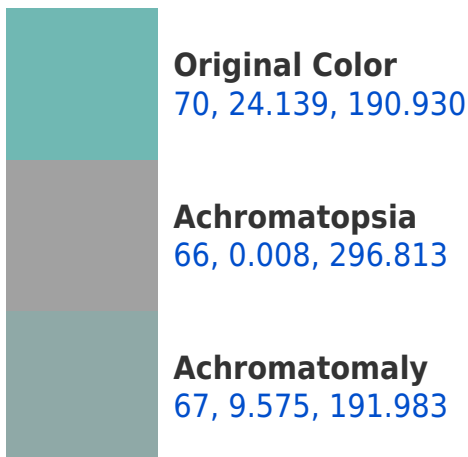


Tritanopia
70, 21.982, 220.055

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.139, 190.930 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(112, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(112, 184, 179)  
}
```

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(112, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 184, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.139, 190.930 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(112, 184, 179) }
```

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

```
.border{ border-color:rgb(112, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(112, 184,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.139, 190.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 184, 179) }
```

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

```
.background{ background-color: rgb(112,  
184, 179) }
```

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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