

Converting Colors

CIELCh(70, 27.943, 197.257)

Have a look what the booklet for
CIELCh(70, 27.943, 197.257)
contains.

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Color

CIELCh(70, 27.839, 197.243)

Conversions

Conversions Part 1

Format	Color
Hex	60B9B9
RGB	96, 185, 185
RGB Percent	38%, 73%, 73%
CMY	0.6230, 0.2740, 0.2740
CMYK	0.48, 0.00, 0.00, 0.27
HSL	180°, 39%, 55%
HSV	180°, 48%, 73%
XYZ	30.9806, 40.7494, 52.1971
YIQ	158.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

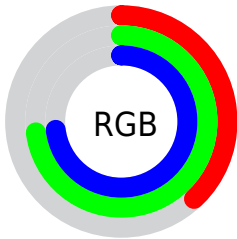
Format	Color
RYB	96, 141, 185
Decimal	6339001
CIELab	70.00, -26.59, -8.25
CIELCh	70, 27.839, 197.243
Yxy	40.7494, 0.2500, 0.3288
Android (android.graphics.Color)	4284529081 (0xFF60B9B9)
YUV	158.3890, 13.1192, -54.7152
Hunter-Lab	63.8353, -25.0820, -3.7958

Details

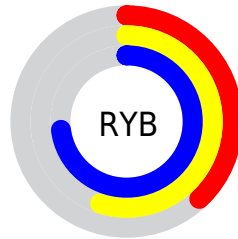
The CIELCh color **70, 27.839, 197.243** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51, 39.339, 24.660**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.623, 197.641**, and **50, 28.003, 196.643** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.764, 196.945**, and if you desaturate by 10%, it is **71, 23.148, 197.600**.

Distribution



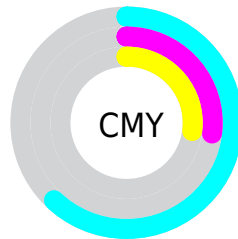
- Red (38%)
- Green (73%)
- Blue (73%)



- Red (38%)
- Yellow (55%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)




- Cyan (62%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.839, 197.243 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, 27.839, 197.243 by changing the saturation by 10% instead.


 70, 27.839,
197.243


 70, 27.839,
197.243


 100, 27.839,
197.243


 60, 27.839,
197.243


 90, 27.839,
197.243

 50, 27.839,
197.243

 40, 27.839,
197.243

 30, 27.839,
197.243

 20, 27.839,
197.243

 10, 27.839,
197.243

 0, 27.839, 197.243

70, 27.839,
197.243

70, 27.839,
197.243

69, 31.764,
196.945

71, 23.148,
197.600

69, 34.862,
196.715

72, 17.781,
198.020

69, 37.113,
196.549

73, 11.840,
198.500

68, 38.544,
196.444

74, 5.435, 199.061

75, 1.328, 19.118

68, 39.284,
196.390

77, 8.355, 20.023

68, 39.399,
196.381

79, 15.563, 20.648

80, 22.882, 21.270

82, 27.170, 21.633

Harmonies

Complementary

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



70, 27.839, 197.243



51, 39.339, 24.660

Rectangle

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



70, 27.839, 197.243



70, 27.839, 247.243



70, 27.839, 17.243



70, 27.839, 67.243

Sweetspot

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



70, 27.839, 197.241



92, 11.442, 198.702



68, 57.921, 140.274



49, 7.846, 198.588



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, 27.839, 197.241



88, 38.924, 196.922



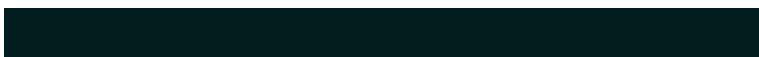
57, 27.543, 262.369



38, 3.777, 198.982



58, 34.645, 196.381



8, 10.518, 197.734

Inverse Universe

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



51, 39.339, 24.660



60, 60.191, 27.089



61, 32.112, 67.782



36, 4.004, 19.912



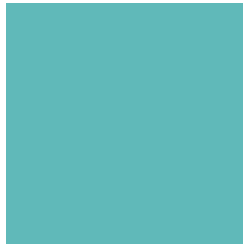
32, 71.869, 39.597



2, 10.638, 19.403

Previews

White Background



This preview shows how the CIELCh color 70, 27.839, 197.243 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, 27.839, 197.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

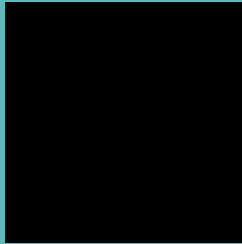
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

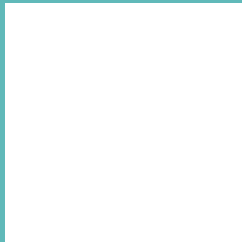
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 27.839, 197.243

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.839, 197.243.

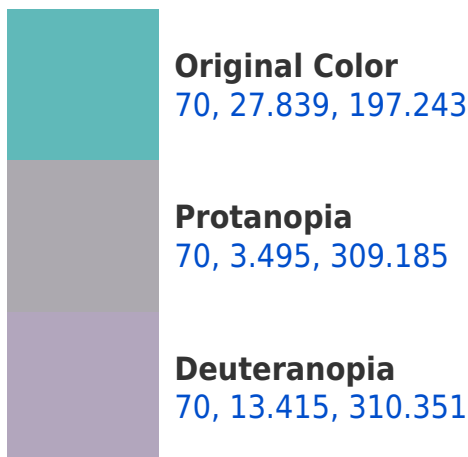


This preview shows how white text looks on a background with the CIELCh color 70, 27.839, 197.243.

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](#).

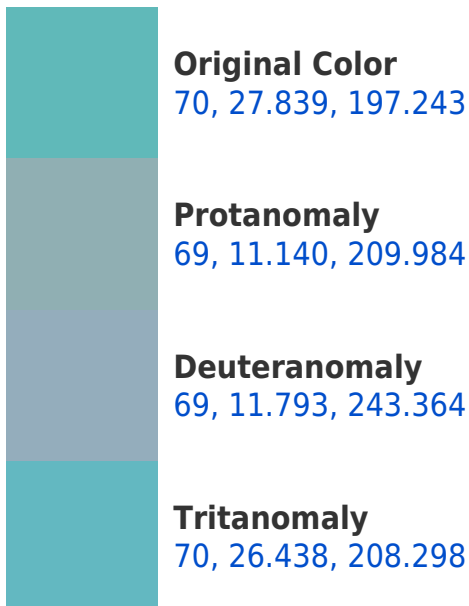
Dichromacy



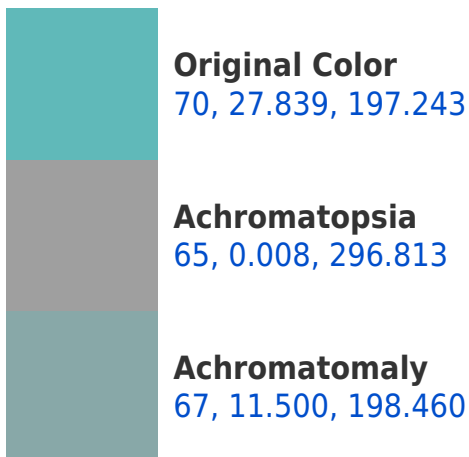


Tritanopia
70, 26.198, 216.038

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.839, 197.243 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(96, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(96, 185, 185)  
}
```

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(96, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 185, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.839, 197.243 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(96, 185, 185) }
```

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

```
.border{ border-color:rgb(96, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(96, 185,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.839, 197.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 185, 185) }
```

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

```
.background{ background-color: rgb(96, 185,  
185) }
```

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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