

Converting Colors

CIELCh(70, 26.913, 166.970)

Have a look what the booklet for
CIELCh(70, 26.913, 166.970)
contains.

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Color

CIELCh(70, 27.071, 166.850)

Conversions

Conversions Part 1

Format	Color
Hex	77B89F
RGB	119, 184, 159
RGB Percent	47%, 72%, 62%
CMY	0.5330, 0.2781, 0.3761
CMYK	0.35, 0.00, 0.14, 0.28
HSL	157°, 31%, 59%
HSV	157°, 35%, 72%
XYZ	31.0418, 40.7494, 39.0670
YIQ	161.7150, -30.7150, -21.5550

Conversions

Conversions Part 2

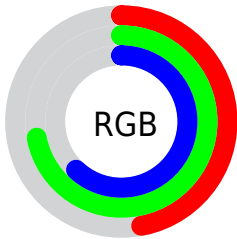
Format	Color
RYB	119, 159, 184
Decimal	7846047
CIELab	70.00, -26.36, 6.16
CIELCh	70, 27.071, 166.850
Yxy	40.7494, 0.2800, 0.3676
Android (android.graphics.Color)	4286036127 (0xFF77B89F)
YUV	161.7150, -1.3385, -37.4611
Hunter-Lab	63.8353, -24.9107, 8.3994

Details

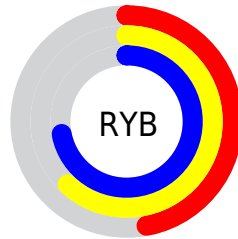
The CIELCh color **70, 27.071, 166.850** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 29.149, 354.181**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 26.873, 167.430**, and **50, 27.127, 166.915** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.100, 165.603**, and if you desaturate by 10%, it is **71, 19.659, 167.974**.

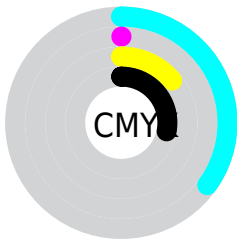
Distribution



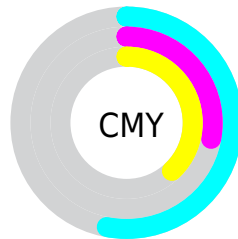
- Red (47%)
- Green (72%)
- Blue (62%)



- Red (47%)
- Yellow (62%)
- Blue (72%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)





- Cyan (53%)
- Magenta (28%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.071, 166.850 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, 27.071, 166.850 by changing the saturation by 10% instead.


 70, 27.071,
166.850


 70, 27.071,
166.850


 100, 27.071,
166.850


 60, 27.071,
166.850


 90, 27.071,
166.850

 50, 27.071,
166.850

 40, 27.071,
166.850

 30, 27.071,
166.850

 20, 27.071,
166.850

 10, 27.071,
166.850

 0, 27.071, 166.850

70, 27.071,
166.850

70, 27.071,
166.850

69, 34.100,
165.603

71, 19.659,
167.974

68, 40.614,
164.212

72, 11.987,
169.004

67, 46.496,
162.651

74, 4.171, 170.001

67, 51.657,
160.898

76, 3.693, 350.647

77, 11.527,
351.526

67, 56.060,
158.938

79, 19.271,
352.291

66, 59.738,
156.777

81, 26.883,
353.004

66, 61.333,
155.764

82, 30.751,
349.391

■ 82, 32.655,
343.693

Harmonies

Complementary

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



70, 27.071, 166.850



57, 29.149, 354.181

Rectangle

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



70, 27.071, 166.850



70, 27.071, 216.850



70, 27.071, 346.850



70, 27.071, 36.850

Sweetspot

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



70, 27.072, 166.849



93, 10.692, 169.411



71, 38.178, 130.867



49, 7.176, 169.279



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, 27.072, 166.849



88, 39.383, 165.941



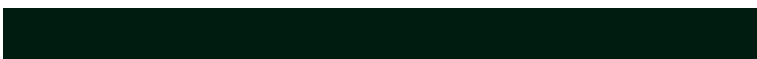
69, 19.633, 208.474



38, 4.437, 169.592



57, 53.841, 156.087



8, 13.318, 163.180

Inverse Universe

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



57, 29.149, 354.181



70, 43.036, 355.279



58, 25.318, 30.233



36, 4.525, 351.159



33, 58.707, 12.376



2, 11.550, 357.243

Previews

White Background



This preview shows how the CIELCh color 70, 27.071, 166.850 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 CIE LCh color 70, 27.071, 166.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

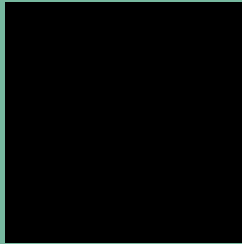
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.071, 166.850

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.071, 166.850.

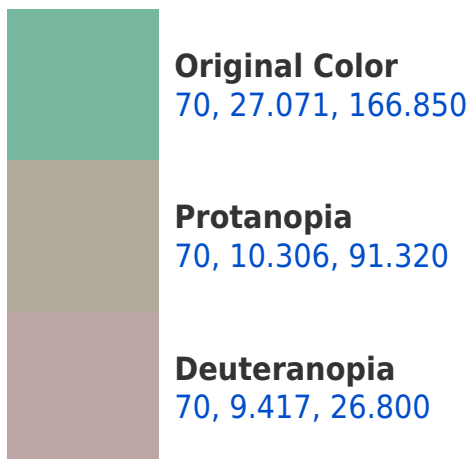


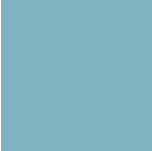
This preview shows how white text looks on a background with the CIELCh color 70, 27.071, 166.850.

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](#).

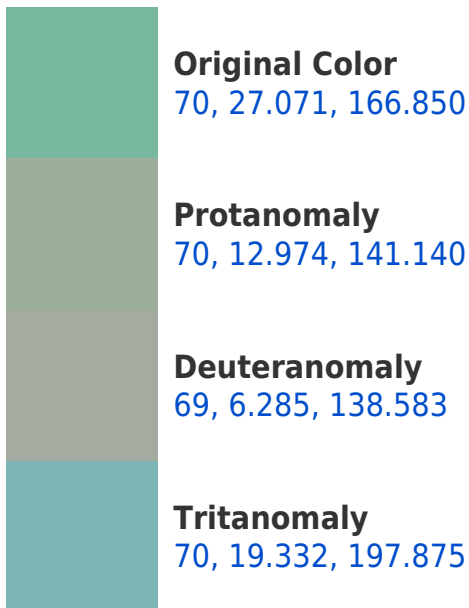
Dichromacy





Tritanopia
70, 18.688, 224.482

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.071, 166.850 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(119, 184, 159)` looks like.

```
.text, #text, p{  
    color:rgb(119, 184, 159)  
}
```

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(119, 184, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 184, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.071, 166.850 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(119, 184, 159) }
```

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

```
.border{ border-color:rgb(119, 184, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 184, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 184, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 184, 159);  
box-shadow:4px 4px 4px 4px rgb(119, 184,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.071, 166.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 184, 159) }
```

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

```
.background{ background-color: rgb(119,  
184, 159) }
```

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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