

Converting Colors

CIELCh(70, 27.237, 197.470)

Have a look what the booklet for
CIELCh(70, 27.237, 197.470)
contains.

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Color

CIELCh(70, 27.368, 197.279)

Conversions

Conversions Part 1

Format	Color
Hex	62B9B9
RGB	98, 185, 185
RGB Percent	38%, 73%, 73%
CMY	0.6160, 0.2749, 0.2749
CMYK	0.47, 0.00, 0.00, 0.27
HSL	180°, 38%, 55%
HSV	180°, 47%, 73%
XYZ	31.1036, 40.7494, 52.0740
YIQ	158.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

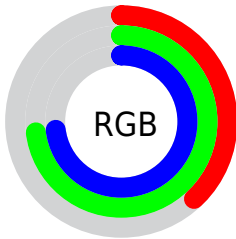
Format	Color
RYB	98, 142, 185
Decimal	6470073
CIELab	70.00, -26.13, -8.13
CIELCh	70, 27.368, 197.279
Yxy	40.7494, 0.2510, 0.3288
Android (android.graphics.Color)	4284660153 (0xFF62B9B9)
YUV	158.9870, 12.8244, -53.4856
Hunter-Lab	63.8353, -24.7379, -3.6814

Details

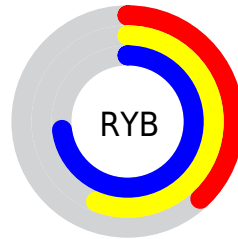
The CIELCh color **70, 27.368, 197.279** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **52, 38.351, 24.465**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.360, 197.658**, and **50, 27.586, 196.682** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.371, 196.975**, and if you desaturate by 10%, it is **71, 22.608, 197.643**.

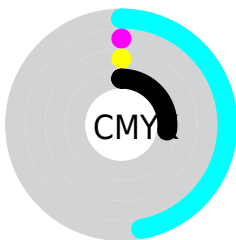
Distribution



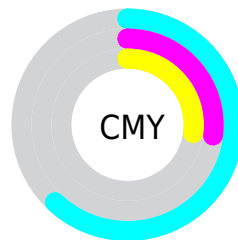
- Red (38%)
- Green (73%)
- Blue (73%)



- Red (38%)
- Yellow (56%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.368, 197.279 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, 27.368, 197.279 by changing the saturation by 10% instead.


 70, 27.368,
197.279


 70, 27.368,
197.279


 100, 27.368,
197.279


 60, 27.368,
197.279


 90, 27.368,
197.279

 50, 27.368,
197.279

 40, 27.368,
197.279

 30, 27.368,
197.279

 20, 27.368,
197.279

 10, 27.368,
197.279

 0, 27.368, 197.279

70, 27.368,
197.279

70, 27.368,
197.279

69, 31.371,
196.975

71, 22.608,
197.643

69, 34.553,
196.737

72, 17.182,
198.068

69, 36.888,
196.565

73, 11.194,
198.554

68, 38.399,
196.455

74, 4.754, 199.130

76, 2.034, 19.314

68, 39.188,
196.397

77, 9.077, 20.089

68, 39.365,
196.384

79, 16.292, 20.713

81, 23.612, 21.335

82, 27.261, 21.644

Harmonies

Complementary

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



70, 27.368, 197.279



52, 38.351, 24.465

Rectangle

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



70, 27.368, 197.279



70, 27.368, 247.279



70, 27.368, 17.279



70, 27.368, 67.279

Sweetspot

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



70, 27.368, 197.277



92, 11.442, 198.704



68, 56.726, 140.379



49, 7.846, 198.589



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, 27.368, 197.277



88, 38.053, 196.978



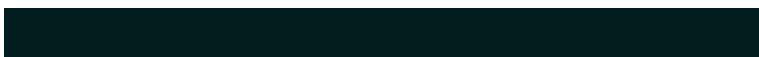
58, 26.962, 262.095



38, 3.777, 198.983



58, 34.644, 196.384



8, 10.518, 197.737

Inverse Universe

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



52, 38.351, 24.465



61, 57.854, 26.585



62, 31.323, 67.907



36, 4.004, 19.914



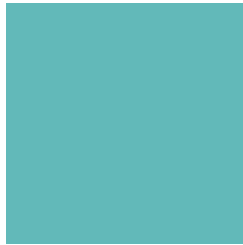
32, 71.870, 39.598



2, 10.638, 19.404

Previews

White Background



This preview shows how the CIELCh color 70, 27.368, 197.279 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, 27.368, 197.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

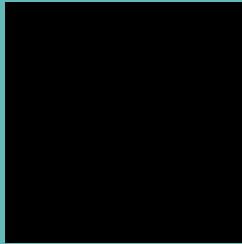
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

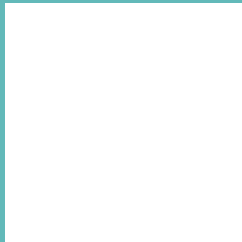
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 27.368, 197.279

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.368, 197.279.

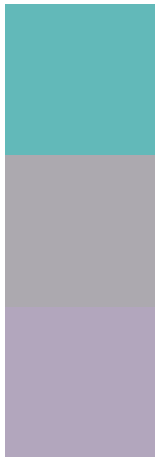


This preview shows how white text looks on a background with the CIELCh color 70, 27.368, 197.279.

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

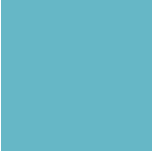
70, 27.368, 197.279

Protanopia

70, 3.495, 309.185

Deuteranopia

70, 13.415, 310.351



Tritanopia
70, 25.755, 216.396

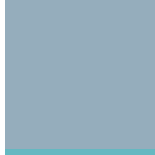
Trichromacy



Original Color
70, 27.368, 197.279



Protanomaly
69, 10.812, 210.360



Deuteranomaly
69, 11.558, 244.530

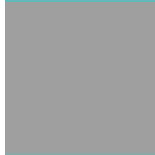


Tritanomaly
70, 25.976, 208.525

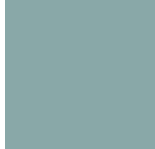
Monochromacy



Original Color
70, 27.368, 197.279



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 11.161, 198.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.368, 197.279 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(98, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(98, 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(98, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 185, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.368, 197.279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

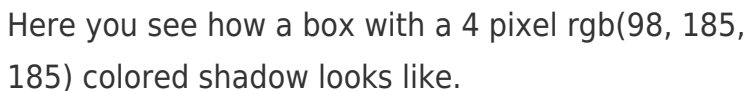
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 185, 185) }
```

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

```
.border{ border-color:rgb(98, 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(98, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 185, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 185, 185); box-shadow:4px 4px 4px 4px rgb(98, 185, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.368, 197.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 185, 185) }
```

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

```
.background{ background-color: rgb(98, 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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