

Converting Colors

CIELCh(70, 27.585, 169.725)

Have a look what the booklet for
CIELCh(70, 27.585, 169.725)
contains.

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Color

CIELCh(70, 28.064, 169.217)

Conversions

Conversions Part 1

Format	Color
Hex	73B9A1
RGB	115, 185, 161
RGB Percent	45%, 73%, 63%
CMY	0.5502, 0.2758, 0.3698
CMYK	0.38, 0.00, 0.13, 0.28
HSL	159°, 33%, 59%
HSV	159°, 38%, 72%
XYZ	30.7164, 40.7494, 39.8207
YIQ	161.3340, -34.0160, -22.3040

Conversions

Conversions Part 2

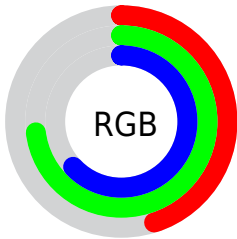
Format	Color
RYB	115, 157, 185
Decimal	7584161
CIELab	70.00, -27.57, 5.25
CIELCh	70, 28.064, 169.217
Yxy	40.7494, 0.2760, 0.3662
Android (android.graphics.Color)	4285774241 (0xFF73B9A1)
YUV	161.3340, -0.1647, -40.6349
Hunter-Lab	63.8353, -25.8205, 7.6993

Details

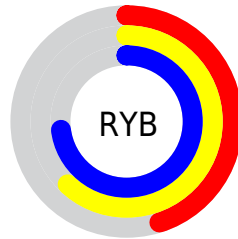
The CIELCh color **70, 28.064, 169.217** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 30.856, 357.397**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.915, 169.800**, and **50, 28.203, 169.389** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.682, 167.946**, and if you desaturate by 10%, it is **71, 21.005, 170.366**.

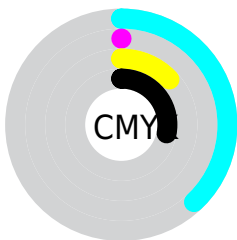
Distribution



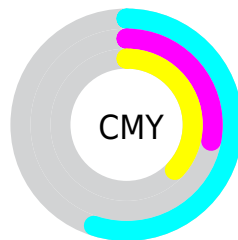
- Red (45%)
- Green (73%)
- Blue (63%)



- Red (45%)
- Yellow (62%)
- Blue (73%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)





- Cyan (55%)
- Magenta (28%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 28.064, 169.217 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, 28.064, 169.217 by changing the saturation by 10% instead.


 70, 28.064,
169.217

 70, 28.064,
169.217

 100, 28.064,
169.217


 60, 28.064,
169.217


 90, 28.064,
169.217

 50, 28.064,
169.217

 40, 28.064,
169.217

 30, 28.064,
169.217

 20, 28.064,
169.217

 10, 28.064,
169.217

 0, 28.064, 169.217

70, 28.064,
169.217

70, 28.064,
169.217

69, 34.682,
167.946

71, 21.005,
170.366

68, 40.732,
166.534

72, 13.629,
171.422

68, 46.108,
164.954

74, 6.053, 172.424

67, 50.740,
163.184

75, 1.621, 352.976

77, 9.309, 354.033

67, 54.611,
161.211

79, 16.945,
354.841

67, 57.816,
159.065

81, 24.481,
355.592

66, 58.462,
158.624

82, 29.419,
353.605

■ 82, 30.889,
347.999

Harmonies

Complementary

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



70, 28.064, 169.217



56, 30.856, 357.397

Rectangle

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



70, 28.064, 169.217



70, 28.064, 219.217



70, 28.064, 349.217



70, 28.064, 39.217

Sweetspot

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



70, 28.065, 169.216



93, 10.402, 172.096



70, 41.627, 132.346



49, 6.980, 171.962



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, 28.065, 169.216



88, 40.489, 168.232



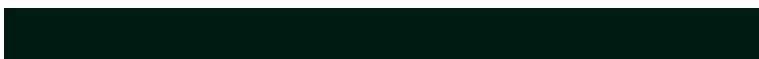
68, 20.124, 214.784



38, 4.318, 172.280



57, 51.216, 158.947



8, 12.907, 165.673

Inverse Universe

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



56, 30.856, 357.397



68, 45.375, 358.689



58, 26.510, 34.745



36, 4.419, 353.872



32, 59.359, 16.344



2, 11.372, 359.470

Previews

White Background



This preview shows how the CIELCh color 70, 28.064, 169.217 looks on a white background.

Color Contrast Check

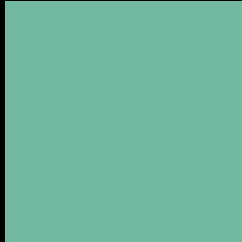
Large Text (above 18pt) WCAG AA × Fail

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, 28.064, 169.217 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

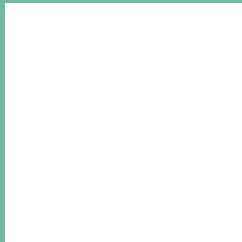
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 28.064, 169.217

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.064, 169.217.

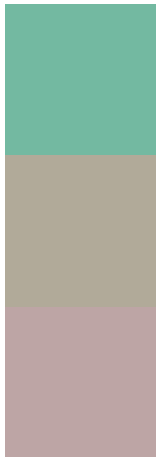


This preview shows how white text looks on a background with the CIELCh color 70, 28.064, 169.217.

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](#).

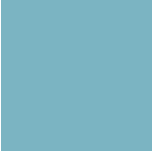
Dichromacy



Original Color
70, 28.064, 169.217

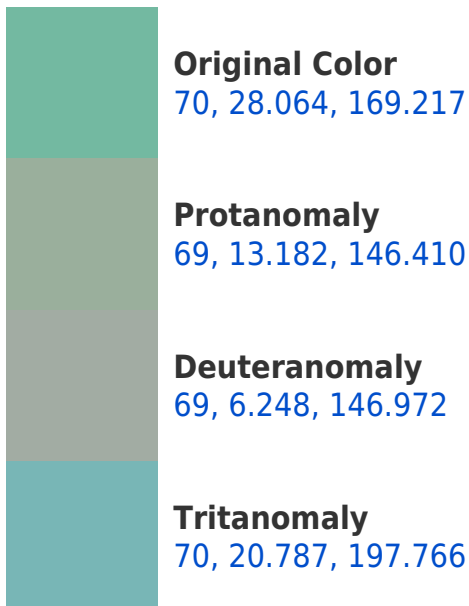
Protanopia
70, 9.666, 92.661

Deuteranopia
70, 9.311, 20.184

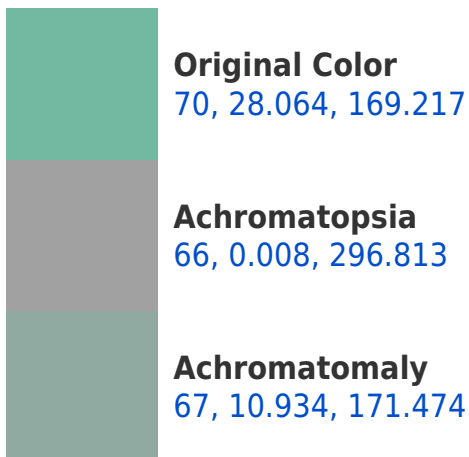


Tritanopia
70, 19.826, 221.005

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.064, 169.217 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(115, 185, 161)` looks like.

```
.text, #text, p{  
    color:rgb(115, 185, 161)  
}
```

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(115, 185, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 185, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.064, 169.217 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(115, 185, 161) }
```

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

```
.border{ border-color:rgb(115, 185, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 185, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 185, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 185, 161);  
box-shadow:4px 4px 4px 4px rgb(115, 185,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.064, 169.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 185, 161) }
```

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

```
.background{ background-color: rgb(115,  
185, 161) }
```

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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