

Converting Colors

CIELCh(70, 34.960, 182.955)

Have a look what the booklet for
CIELCh(70, 34.960, 182.955)
contains.

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Color

CIELCh(70, 34.976, 182.985)

Conversions

Conversions Part 1

Format	Color
Hex	4EBCAD
RGB	78, 188, 173
RGB Percent	31%, 74%, 68%
CMY	0.6929, 0.2616, 0.3205
CMYK	0.58, 0.00, 0.08, 0.26
HSL	172°, 45%, 52%
HSV	172°, 58%, 74%
XYZ	28.7819, 40.7494, 46.0244
YIQ	153.4000, -60.7450, -27.9850

Conversions

Conversions Part 2

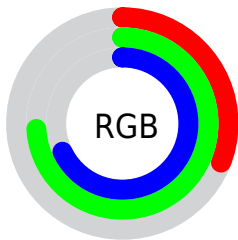
Format	Color
RYB	78, 137, 188
Decimal	5160109
CIELab	70.00, -34.93, -1.82
CIELCh	70, 34.976, 182.985
Yxy	40.7494, 0.2491, 0.3526
Android (android.graphics.Color)	4283350189 (0xFF4EBCAD)
YUV	153.4000, 9.6628, -66.1258
Hunter-Lab	63.8353, -31.2300, 1.9374

Details

The CIELCh color **70, 34.976, 182.985** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **48, 47.688, 17.028**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 35.194, 182.504**, and **50, 33.923, 182.981** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.817, 181.898**, and if you desaturate by 10%, it is **71, 30.349, 183.992**.

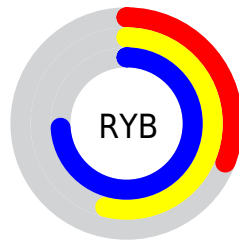
Distribution



Red (31%)

Green (74%)

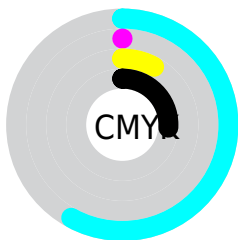
Blue (68%)



Red (31%)

Yellow (54%)

Blue (74%)

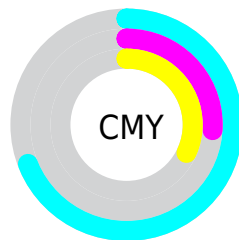


Cyan (58%)

Magenta (0%)

Yellow (8%)

Black (26%)



Cyan (69%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 34.976, 182.985 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, 34.976, 182.985 by changing the saturation by 10% instead.


 70, 34.976,
182.985


 70, 34.976,
182.985


 100, 34.976,
182.985


 60, 34.976,
182.985


 90, 34.976,
182.985

 50, 34.976,
182.985

 40, 34.976,
182.985

 30, 34.976,
182.985

 20, 34.976,
182.985

 10, 34.976,
182.985

 0, 34.976, 182.985

70, 34.976,
182.985

70, 34.976,
182.985

69, 38.817,
181.898

71, 30.349,
183.992

69, 41.827,
180.714

72, 25.017,
184.942

69, 44.019,
179.412

73, 19.086,
185.848

69, 45.520,
177.995

74, 12.675,
186.725

69, 45.741,
177.770

75, 5.897, 187.608

77, 1.141, 7.894

78, 8.344, 9.070

80, 15.636, 9.875

82, 22.954, 10.645

Harmonies

Complementary

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



70, 34.976, 182.985



48, 47.688, 17.028

Rectangle

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



70, 34.976, 182.985



70, 34.976, 232.985



70, 34.976, 2.985



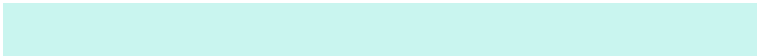
70, 34.976, 52.985

Sweetspot

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



70, 34.976, 182.984



93, 15.347, 186.735



69, 67.408, 136.517



49, 10.591, 186.481



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 34.976, 182.984



88, 48.376, 181.584



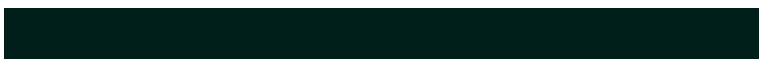
59, 28.935, 247.637



39, 3.978, 187.521



58, 40.107, 177.980



9, 12.553, 182.276

Inverse Universe

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



48, 47.688, 17.028



57, 70.779, 21.055



56, 40.813, 53.552



37, 4.155, 8.956



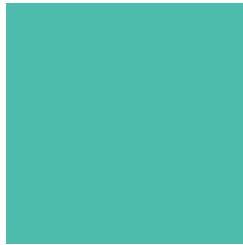
33, 67.353, 33.162



3, 12.389, 11.592

Previews

White Background



This preview shows how the CIE LCh color 70, 34.976, 182.985 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, 34.976, 182.985 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, 34.976, 182.985

Background



This preview shows how black text looks on a background with the CIELCh color 70, 34.976, 182.985.

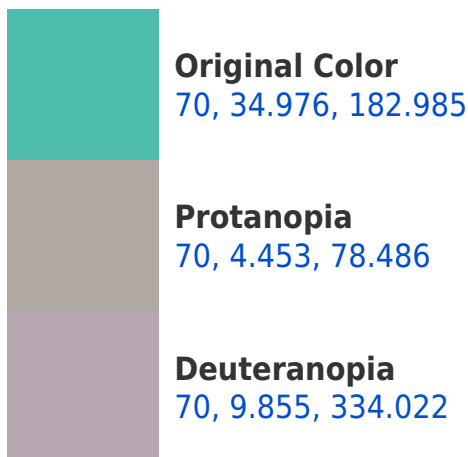


This preview shows how white text looks on a background with the CIELCh color 70, 34.976, 182.985.

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, 28.910, 214.061

Trichromacy



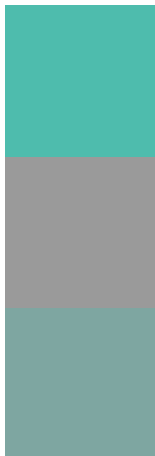
Original Color
70, 34.976, 182.985

Protanomaly
69, 14.316, 175.625

Deuteranomaly
69, 10.105, 208.067

Tritanomaly
70, 30.322, 201.288

Monochromacy



Original Color
70, 34.976, 182.985

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 14.714, 187.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 34.976, 182.985 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(78, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(78, 188, 173)  
}
```

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(78, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 188, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 34.976, 182.985 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(78, 188, 173) }
```

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

```
.border{ border-color:rgb(78, 188, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 188, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 188, 173);  
box-shadow:4px 4px 4px 4px rgb(78, 188,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 34.976, 182.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 188, 173) }
```

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

```
.background{ background-color: rgb(78, 188,  
173) }
```

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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