

Converting Colors

CIELCh(70, 33.322, 161.714)

Have a look what the booklet for
CIELCh(70, 33.322, 161.714)
contains.

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Color

CIELCh(70, 33.299, 161.739)

Conversions

Conversions Part 1

Format	Color
Hex	6EBA97
RGB	110, 186, 151
RGB Percent	43%, 73%, 59%
CMY	0.5680, 0.2699, 0.4072
CMYK	0.41, 0.00, 0.19, 0.27
HSL	152°, 36%, 58%
HSV	152°, 41%, 73%
XYZ	29.6406, 40.7494, 35.6461
YIQ	159.2860, -34.0610, -26.9970

Conversions

Conversions Part 2

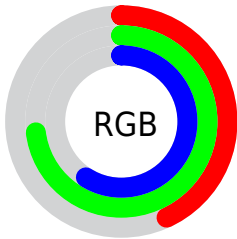
Format	Color
RYB	110, 159, 186
Decimal	7256727
CIELab	70.00, -31.62, 10.43
CIELCh	70, 33.299, 161.739
Yxy	40.7494, 0.2795, 0.3843
Android (android.graphics.Color)	4285446807 (0xFF6EBA97)
YUV	159.2860, -4.0850, -43.2238
Hunter-Lab	63.8353, -28.8288, 11.5767

Details

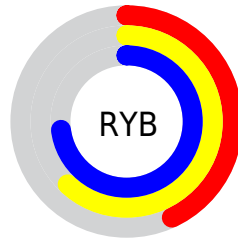
The CIELCh color **70, 33.299, 161.739** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **56, 35.323, 350.081**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 33.557, 161.276**, and **50, 33.226, 161.910** is the 20% darker color. If you saturate the color by 10%, you get **69, 40.709, 160.413**, and if you desaturate by 10%, it is **71, 25.461, 162.917**.

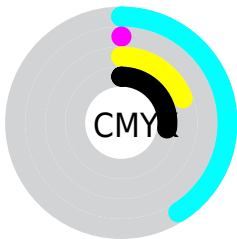
Distribution



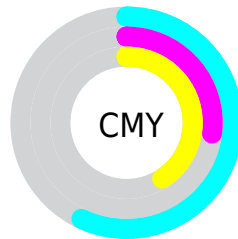
- Red (43%)
- Green (73%)
- Blue (59%)



- Red (43%)
- Yellow (62%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)





- Cyan (57%)
- Magenta (27%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 33.299, 161.739 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, 33.299, 161.739 by changing the saturation by 10% instead.


 70, 33.299,
161.739


 70, 33.299,
161.739


 100, 33.299,
161.739


 60, 33.299,
161.739


 90, 33.299,
161.739

 50, 33.299,
161.739

 40, 33.299,
161.739

 30, 33.299,
161.739

 20, 33.299,
161.739

 10, 33.299,
161.739

 0, 33.299, 161.739

70, 33.299,
161.739

70, 33.299,
161.739

69, 40.709,
160.413

71, 25.461,
162.917

68, 47.551,
158.917

72, 17.331,
163.975

68, 53.711,
157.227

74, 9.035, 164.943

67, 59.110,
155.329

75, 0.684, 166.341

77, 7.633, 346.495

67, 63.736,
153.224

79, 15.849,
347.249

67, 67.444,
151.199

81, 23.914,
347.933

83, 30.569,
346.831

■ 83, 33.097,
340.228

Harmonies

Complementary

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



70, 33.299, 161.739



56, 35.323, 350.081

Rectangle

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



70, 33.299, 161.739



70, 33.299, 211.739



70, 33.299, 341.739



70, 33.299, 31.739

Sweetspot

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



70, 33.300, 161.738



93, 12.401, 164.814



71, 43.574, 128.346



50, 8.291, 164.690



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, 33.300, 161.738



88, 48.711, 160.556



70, 23.775, 200.940



39, 4.782, 165.081



57, 59.400, 151.511



9, 16.155, 158.743

Inverse Universe

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



56, 35.323, 350.081



67, 52.141, 351.408



55, 31.887, 25.685



37, 4.853, 346.582



33, 59.083, 5.167



3, 13.662, 353.904

Previews

White Background



This preview shows how the CIELCh color 70, 33.299, 161.739 looks on a white background.

Color Contrast Check

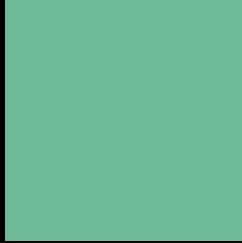
Large Text (above 18pt) WCAG AA × Fail

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, 33.299, 161.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

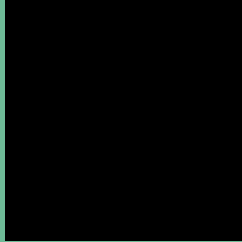
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 33.299, 161.739

Background



This preview shows how black text looks on a background with the CIELCh color 70, 33.299, 161.739.

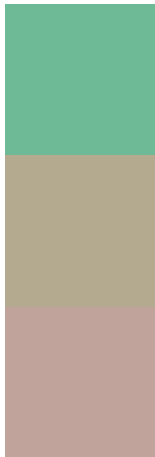


This preview shows how white text looks on a background with the CIELCh color 70, 33.299, 161.739.

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, 33.299, 161.739

Protanopia
70, 15.151, 94.839

Deuteranopia
70, 11.961, 41.569



Tritanopia
70, 20.482, 221.890

Trichromacy



Original Color
70, 33.299, 161.739



Protanomaly
69, 18.505, 136.017



Deuteranomaly
69, 10.597, 130.555



Tritanomaly
70, 21.938, 193.328

Monochromacy



Original Color
70, 33.299, 161.739



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 12.799, 164.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 33.299, 161.739 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(110, 186, 151)` looks like.

```
.text, #text, p{  
    color:rgb(110, 186, 151)  
}
```

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(110, 186, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 186, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 33.299, 161.739 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(110, 186, 151) }
```

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

```
.border{ border-color:rgb(110, 186, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 186, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 186, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 186, 151);  
box-shadow:4px 4px 4px 4px rgb(110, 186,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 33.299, 161.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 186, 151) }
```

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

```
.background{ background-color: rgb(110,  
186, 151) }
```

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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