

Converting Colors

CIELCh(70, 40.739, 144.623)

Have a look what the booklet for
CIELCh(70, 40.739, 144.623)
contains.

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Color

CIELCh(70, 40.679, 144.792)

Conversions

Conversions Part 1

Format	Color
Hex	78BA7F
RGB	120, 186, 127
RGB Percent	47%, 73%, 50%
CMY	0.5286, 0.2698, 0.5012
CMYK	0.35, 0.00, 0.32, 0.27
HSL	126°, 32%, 60%
HSV	126°, 35%, 73%
XYZ	29.2190, 40.7494, 26.4697
YIQ	159.5400, -20.3970, -32.3410

Conversions

Conversions Part 2

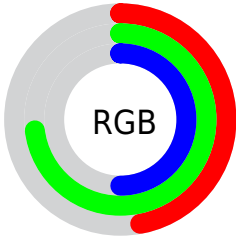
Format	Color
RYB	120, 180, 186
Decimal	7912063
CIELab	70.00, -33.24, 23.45
CIELCh	70, 40.679, 144.792
Yxy	40.7494, 0.3030, 0.4225
Android (android.graphics.Color)	4286102143 (0xFF78BA7F)
YUV	159.5400, -16.0422, -34.6766
Hunter-Lab	63.8353, -30.0078, 20.0997

Details

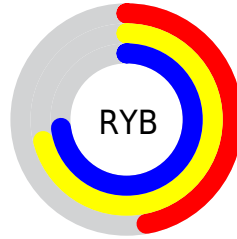
The CIELCh color $70, 40.679, 144.792$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $59, 40.688, 329.512$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 41.101, 144.847$, and $50, 40.548, 144.583$ is the 20% darker color. If you saturate the color by 10%, you get $69, 51.691, 143.748$, and if you desaturate by 10%, it is $71, 29.292, 145.699$.

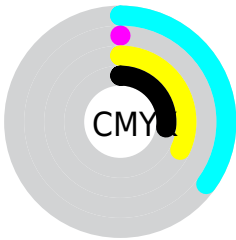
Distribution



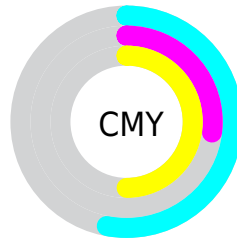
- Red (47%)
- Green (73%)
- Blue (50%)



- Red (47%)
- Yellow (71%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 40.679, 144.792 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, 40.679, 144.792 by changing the saturation by 10% instead.


 70, 40.679,
144.792


 70, 40.679,
144.792


 100, 40.679,
144.792


 60, 40.679,
144.792


 90, 40.679,
144.792

 50, 40.679,
144.792

 40, 40.679,
144.792

 30, 40.679,
144.792

 20, 40.679,
144.792

 10, 40.679,
144.792

 0, 40.679, 144.792

70, 40.679,
144.792

70, 40.679,
144.792

69, 51.691,
143.748

71, 29.292,
145.699

68, 62.061,
142.567

73, 17.748,
146.482

67, 71.487,
141.267

75, 6.219, 147.176

67, 79.642,
139.901

76, 5.163, 327.649

79, 16.307,
328.172

66, 86.195,
138.559

81, 27.153,
328.598

66, 90.863,
137.370

83, 37.667,
328.963

66, 92.397,
136.976

84, 43.117,
325.919

Harmonies

Complementary

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



70, 40.679, 144.792



59, 40.688, 329.512

Rectangle

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



70, 40.679, 144.792



70, 40.679, 194.792



70, 40.679, 324.792



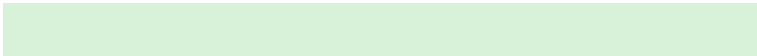
70, 40.679, 14.792

Sweetspot

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



70, 40.680, 144.792



93, 15.614, 146.785



74, 35.114, 111.248



50, 10.585, 146.690



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, 40.680, 144.792



88, 60.683, 143.940



71, 27.759, 165.891



39, 6.559, 146.910



57, 81.585, 137.118



9, 20.594, 146.427

Inverse Universe

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



59, 40.688, 329.512



71, 60.536, 329.993



58, 29.753, 353.198



37, 6.573, 327.965



36, 74.475, 332.894



3, 19.356, 329.537

Previews

White Background



This preview shows how the CIELCh color 70, 40.679, 144.792 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, 40.679, 144.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

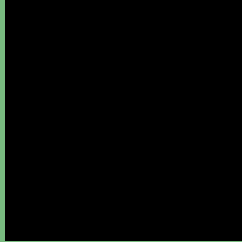
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 40.679, 144.792

Background



This preview shows how black text looks on a background with the CIELCh color 70, 40.679, 144.792.

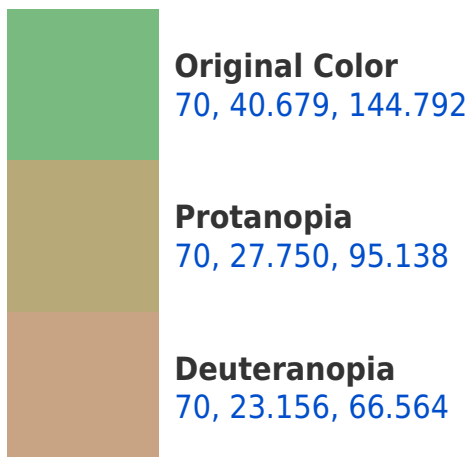


This preview shows how white text looks on a background with the CIELCh color 70, 40.679, 144.792.

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, 16.663, 225.941

Trichromacy



Original Color
70, 40.679, 144.792



Protanomaly
70, 29.236, 119.389



Deuteranomaly
69, 22.262, 107.894



Tritanomaly
70, 20.233, 177.079

Monochromacy



Original Color
70, 40.679, 144.792



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 15.290, 145.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 40.679, 144.792 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(120, 186, 127)` looks like.

```
.text, #text, p{  
    color:rgb(120, 186, 127)  
}
```

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(120, 186, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 186, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 40.679, 144.792 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(120, 186, 127) }
```

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

```
.border{ border-color:rgb(120, 186, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 186, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 186, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 186, 127);  
box-shadow:4px 4px 4px 4px rgb(120, 186,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 40.679, 144.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 186, 127) }
```

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

```
.background{ background-color: rgb(120,  
186, 127) }
```

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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