

Converting Colors

CIELCh(70, 45.925, 141.727)

Have a look what the booklet for
CIELCh(70, 45.925, 141.727)
contains.

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Color

CIELCh(70, 45.637, 141.739)

Conversions

Conversions Part 1

Format	Color
Hex	76BB76
RGB	118, 187, 118
RGB Percent	46%, 73%, 46%
CMY	0.5369, 0.2663, 0.5369
CMYK	0.37, 0.00, 0.37, 0.27
HSL	120°, 34%, 60%
HSV	120°, 37%, 73%
XYZ	28.5497, 40.7494, 23.5278
YIQ	158.5030, -18.9750, -36.0870

Conversions

Conversions Part 2

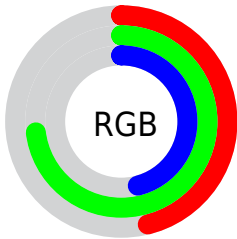
Format	Color
RYB	118, 187, 187
Decimal	7781238
CIELab	70.00, -35.83, 28.26
CIELCh	70, 45.637, 141.739
Yxy	40.7494, 0.3076, 0.4390
Android (android.graphics.Color)	4285971318 (0xFF76BB76)
YUV	158.5030, -19.9680, -35.5211
Hunter-Lab	63.8353, -31.8794, 22.8322

Details

The CIELCh color $70, 45.637, 141.739$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $59, 45.582, 326.402$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 45.695, 141.686$, and $50, 45.344, 141.950$ is the 20% darker color. If you saturate the color by 10%, you get $69, 57.353, 140.731$, and if you desaturate by 10%, it is $71, 33.415, 142.631$.

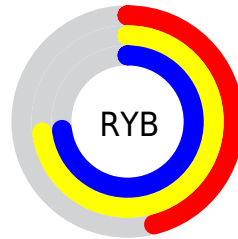
Distribution



Red (46%)

Green (73%)

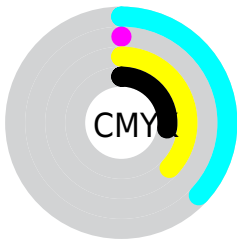
Blue (46%)



Red (46%)

Yellow (73%)

Blue (73%)

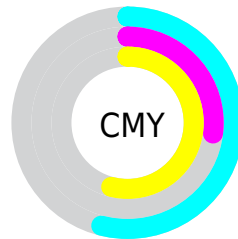


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (27%)



Cyan (54%)


Magenta (27%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 45.637, 141.739 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, 45.637, 141.739 by changing the saturation by 10% instead.


 70, 45.637,
141.739


 70, 45.637,
141.739


 100, 45.637,
141.739


 60, 45.637,
141.739


 90, 45.637,
141.739

 50, 45.637,
141.739

 40, 45.637,
141.739

 30, 45.637,
141.739

 20, 45.637,
141.739

 10, 45.637,
141.739

 0, 45.637, 141.739

70, 45.637,
141.739

70, 45.637,
141.739

69, 57.353,
140.731

71, 33.415,
142.631

68, 68.205,
139.632

73, 20.962,
143.404

67, 77.766,
138.503

75, 8.497, 144.077

77, 3.825, 324.540

67, 85.550,
137.455

79, 15.895,
325.058

66, 91.084,
136.629

81, 27.643,
325.463

66, 94.171,
136.137

83, 39.028,
325.802

66, 94.911,
136.016

84, 42.564,
325.900

Harmonies

Complementary

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



70, 45.637, 141.739



59, 45.582, 326.402

Rectangle

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



70, 45.637, 141.739



70, 45.637, 191.739



70, 45.637, 321.739



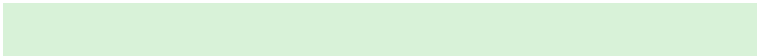
70, 45.637, 11.739

Sweetspot

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



70, 45.638, 141.739



93, 16.800, 143.797



74, 35.953, 105.930



50, 11.389, 143.706



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, 45.638, 141.739



87, 66.604, 140.959



71, 31.787, 159.259



39, 7.057, 143.917



57, 83.795, 136.016



9, 21.678, 144.391

Inverse Universe

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



59, 45.582, 326.402



71, 66.386, 326.781



58, 33.091, 346.246



37, 7.068, 324.927



37, 80.849, 328.231



3, 21.489, 325.459

Previews

White Background



This preview shows how the CIELCh color 70, 45.637, 141.739 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 CIELCh color 70, 45.637, 141.739 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, 45.637, 141.739

Background



This preview shows how black text looks on a background with the CIELCh color 70, 45.637, 141.739.

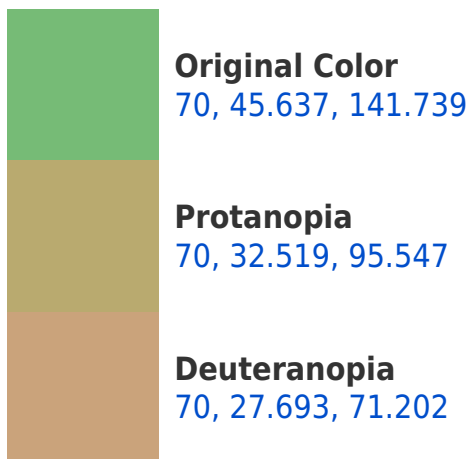


This preview shows how white text looks on a background with the CIELCh color 70, 45.637, 141.739.

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





Tritanopia
70, 16.930, 225.451

Trichromacy



Original Color
70, 45.637, 141.739



Protanomaly
69, 33.858, 117.388



Deuteranomaly
69, 27.574, 108.216



Tritanomaly
70, 21.314, 173.316

Monochromacy



Original Color
70, 45.637, 141.739



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 16.891, 143.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 45.637, 141.739 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(118, 187, 118)` looks like.

```
.text, #text, p{  
    color:rgb(118, 187, 118)  
}
```

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(118, 187, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 187, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 45.637, 141.739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

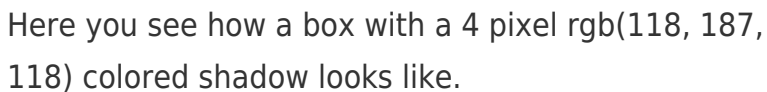
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 187, 118) }
```

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

```
.border{ border-color:rgb(118, 187, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 187, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 187, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 187, 118); box-shadow:4px 4px 4px 4px rgb(118, 187, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 45.637, 141.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 187, 118) }
```

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

```
.background{ background-color: rgb(118,  
187, 118) }
```

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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