

Converting Colors

CIELCh(74, 38.127, 156.348)

Have a look what the booklet for
CIELCh(74, 38.127, 156.348)
contains.

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Color

CIELCh(74, 37.689, 156.589)

Conversions

Conversions Part 1

Format	Color
Hex	76C699
RGB	118, 198, 153
RGB Percent	46%, 78%, 60%
CMY	0.5361, 0.2224, 0.3989
CMYK	0.40, 0.00, 0.23, 0.22
HSL	146°, 41%, 62%
HSV	146°, 40%, 78%
XYZ	33.5447, 46.7039, 37.5053
YIQ	168.9500, -33.2350, -30.9550

Conversions

Conversions Part 2

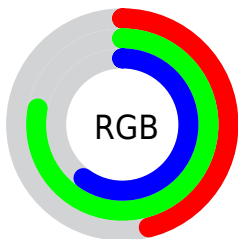
Format	Color
RYB	118, 174, 198
Decimal	7784089
CIELab	74.00, -34.59, 14.97
CIELCh	74, 37.689, 156.589
Yxy	46.7039, 0.2849, 0.3966
Android (android.graphics.Color)	4285974169 (0xFF76C699)
YUV	168.9500, -7.8633, -44.6831
Hunter-Lab	68.3403, -31.9791, 15.2997

Details

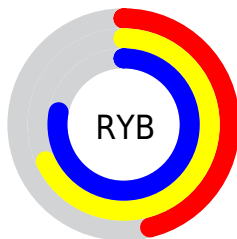
The CIELCh color **74, 37.689, 156.589** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **60, 38.942, 344.100**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 37.791, 156.422**, and **54, 37.872, 156.546** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.351, 155.293**, and if you desaturate by 10%, it is **75, 28.606, 157.727**.

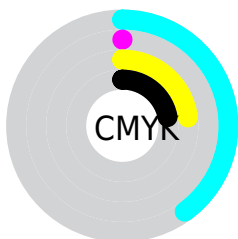
Distribution



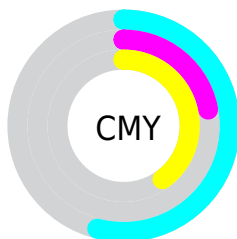
- Red (46%)
- Green (78%)
- Blue (60%)



- Red (46%)
- Yellow (68%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 37.689, 156.589 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 74, 37.689, 156.589 by changing the saturation by 10% instead.

 74, 37.689,
156.589

 74, 37.689,
156.589


 100, 37.689,
156.589


 64, 37.689,
156.589

 94, 37.689,
156.589

 54, 37.689,
156.589

 44, 37.689,
156.589

 34, 37.689,
156.589

 24, 37.689,
156.589

 14, 37.689,
156.589

 4, 37.689, 156.589

■ 0, 37.689, 156.589

■ 74, 37.689,
156.589

■ 74, 37.689,
156.589

■ 73, 46.351,
155.293

■ 75, 28.606,
157.727

■ 72, 54.425,
153.818

■ 77, 19.259,
158.735

■ 71, 61.766,
152.143

■ 78, 9.791, 159.642

■ 71, 68.266,
150.260

■ 80, 0.322, 161.582

■ 71, 73.881,
148.183

■ 82, 9.055, 341.070

■ 84, 18.268,
341.740

■ 70, 78.575,
146.093

■ 86, 26.695,
341.225

■ 86, 30.575,
332.676

■ 86, 35.017,
326.293

Harmonies

Complementary

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



74, 37.689, 156.589



60, 38.942, 344.100

Rectangle

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



74, 37.689, 156.589



74, 37.689, 206.589



74, 37.689, 336.589



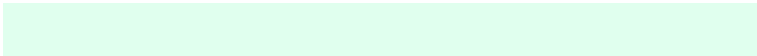
74, 37.689, 26.589

Sweetspot

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



74, 37.690, 156.588



97, 13.930, 159.481



76, 44.188, 124.741



52, 9.242, 159.364



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 37.690, 156.588



92, 54.348, 155.516



75, 26.267, 191.091



41, 5.377, 159.727



59, 67.496, 146.439



11, 21.026, 153.434

Inverse Universe

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



60, 38.942, 344.100



71, 56.281, 345.110



59, 33.656, 18.369



39, 5.429, 341.115



35, 61.753, 355.827



4, 18.541, 349.121

Previews

White Background



This preview shows how the CIELCh color 74, 37.689, 156.589 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 74, 37.689, 156.589 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 74, 37.689, 156.589

Background



This preview shows how black text looks on a background with the CIELCh color 74, 37.689, 156.589.

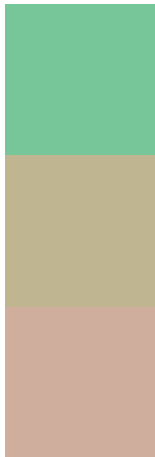


This preview shows how white text looks on a background with the CIELCh color 74, 37.689, 156.589.

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

74, 37.689, 156.589

Protanopia

74, 19.874, 95.376

Deuteranopia

74, 15.838, 53.100



Tritanopia
74, 20.837, 222.867

Trichromacy



Original Color
74, 37.689, 156.589



Protanomaly
73, 22.690, 130.362



Deuteranomaly
73, 14.898, 120.823



Tritanomaly
74, 23.259, 188.181

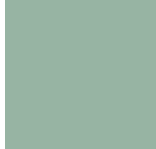
Monochromacy



Original Color
74, 37.689, 156.589



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 14.351, 158.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 37.689, 156.589 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, 198, 153)` looks like.

```
.text, #text, p{  
    color:rgb(118, 198, 153)  
}
```

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, 198, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 198, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 37.689, 156.589 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, 198, 153) }
```

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

```
.border{ border-color:rgb(118, 198, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 198, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 198, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 198, 153); box-shadow:4px 4px 4px 4px rgb(118, 198, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 37.689, 156.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 198, 153) }
```

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

```
.background{ background-color: rgb(118,  
198, 153) }
```

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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