

Converting Colors

CIELCh(74, 37.162, 151.548)

Have a look what the booklet for
CIELCh(74, 37.162, 151.548)
contains.

CIELCh(74, 36.979, 151.302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 36.979, 151.302)

Conversions

Conversions Part 1

Format	Color
Hex	7FC594
RGB	127, 197, 148
RGB Percent	50%, 77%, 58%
CMY	0.5011, 0.2266, 0.4188
CMYK	0.35, 0.00, 0.25, 0.23
HSL	138°, 38%, 64%
HSV	138°, 35%, 77%
XYZ	34.1607, 46.7039, 35.3164
YIQ	170.4840, -25.9910, -30.0790

Conversions

Conversions Part 2

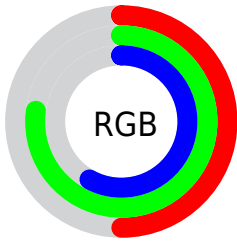
Format	Color
RYB	127, 181, 197
Decimal	8373652
CIELab	74.00, -32.44, 17.76
CIELCh	74, 36.979, 151.302
Yxy	46.7039, 0.2940, 0.4020
Android (android.graphics.Color)	4286563732 (0xFF7FC594)
YUV	170.4840, -11.0846, -38.1355
Hunter-Lab	68.3403, -30.3702, 17.1988

Details

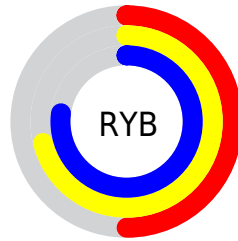
The CIELCh color **74, 36.979, 151.302** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 37.400, 336.887**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.996, 151.144**, and **54, 37.244, 151.256** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.961, 150.154**, and if you desaturate by 10%, it is **75, 26.668, 152.300**.

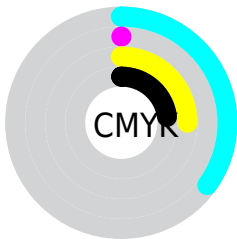
Distribution



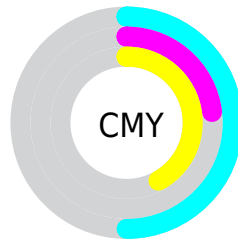
- Red (50%)
- Green (77%)
- Blue (58%)



- Red (50%)
- Yellow (71%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)





- Cyan (50%)
- Magenta (23%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 36.979, 151.302 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, 36.979, 151.302 by changing the saturation by 10% instead.


 74, 36.979,
151.302


 74, 36.979,
151.302


 100, 36.979,
151.302


 64, 36.979,
151.302


 94, 36.979,
151.302

 54, 36.979,
151.302

 44, 36.979,
151.302

 34, 36.979,
151.302

 24, 36.979,
151.302

 14, 36.979,
151.302

 4, 36.979, 151.302

■ 0, 36.979, 151.302

■ 74, 36.979,
151.302

■ 74, 36.979,
151.302

■ 73, 46.961,
150.154

■ 75, 26.668,
152.300

■ 72, 56.414,
148.836

■ 77, 16.199,
153.173

■ 71, 65.141,
147.335

■ 79, 5.718, 153.966

■ 80, 4.660, 334.498

■ 70, 72.960,
145.651

■ 82, 14.851,
335.132

■ 70, 79.727,
143.809

■ 85, 24.796,
335.662

■ 70, 85.361,
141.870

■ 86, 32.134,

■ 70, 87.595,
141.047

331.100

■ 86, 36.239,
325.684

Harmonies

Complementary

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



74, 36.979, 151.302



62, 37.400, 336.887

Rectangle

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



74, 36.979, 151.302



74, 36.979, 201.302



74, 36.979, 331.302



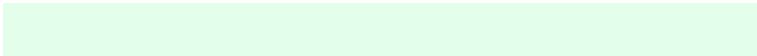
74, 36.979, 21.302

Sweetspot

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



74, 36.980, 151.302



98, 14.141, 153.521



77, 37.665, 119.072



52, 9.507, 153.412



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, 36.980, 151.302



92, 54.792, 150.377



75, 25.433, 178.587



41, 5.953, 153.660



58, 75.602, 141.341



11, 22.910, 149.425

Inverse Universe

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



62, 37.400, 336.887



74, 55.370, 337.585



61, 29.300, 6.161



39, 5.983, 334.885



36, 66.226, 344.673



4, 20.567, 340.572

Previews

White Background



This preview shows how the CIELCh color 74, 36.979, 151.302 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, 36.979, 151.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

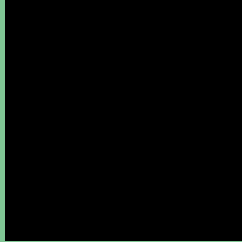
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 36.979, 151.302

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.979, 151.302.

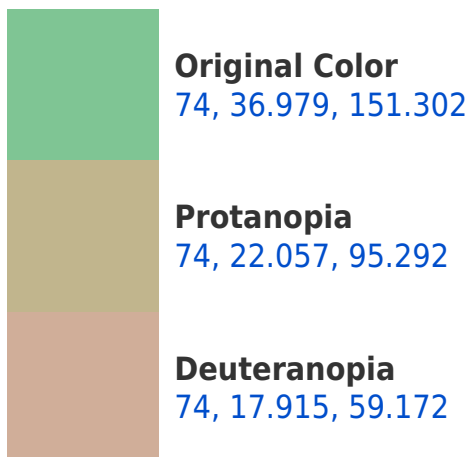


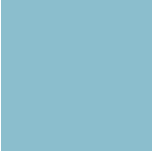
This preview shows how white text looks on a background with the CIELCh color 74, 36.979, 151.302.

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
74, 18.355, 224.728

Trichromacy



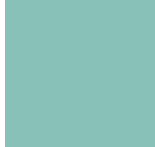
Original Color
74, 36.979, 151.302



Protanomaly
74, 24.146, 125.055



Deuteranomaly
73, 16.740, 112.603



Tritanomaly
74, 20.702, 184.125

Monochromacy



Original Color
74, 36.979, 151.302



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 13.914, 153.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.979, 151.302 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(127, 197, 148)` looks like.

```
.text, #text, p{  
    color:rgb(127, 197, 148)  
}
```

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(127, 197, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 197, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.979, 151.302 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(127, 197, 148) }
```

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

```
.border{ border-color:rgb(127, 197, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 197, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 197, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 197, 148);  
box-shadow:4px 4px 4px 4px rgb(127, 197,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.979, 151.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 197, 148) }
```

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

```
.background{ background-color: rgb(127,  
197, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor