

Converting Colors

CIELCh(74, 38.882, 142.739)

Have a look what the booklet for
CIELCh(74, 38.882, 142.739)
contains.

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Color

CIELCh(74, 38.826, 142.350)

Conversions

Conversions Part 1

Format	Color
Hex	89C489
RGB	137, 196, 137
RGB Percent	54%, 77%, 54%
CMY	0.4621, 0.2307, 0.4621
CMYK	0.30, 0.00, 0.30, 0.23
HSL	120°, 33%, 65%
HSV	120°, 30%, 77%
XYZ	34.6519, 46.7039, 30.9181
YIQ	171.6330, -16.2250, -30.8570

Conversions

Conversions Part 2

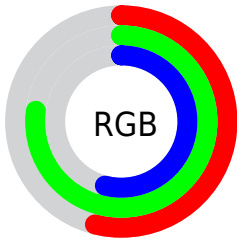
Format	Color
RYB	137, 196, 196
Decimal	9028745
CIELab	74.00, -30.74, 23.72
CIELCh	74, 38.826, 142.350
Yxy	46.7039, 0.3086, 0.4160
Android (android.graphics.Color)	4287218825 (0xFF89C489)
YUV	171.6330, -17.0741, -30.3731
Hunter-Lab	68.3403, -29.0871, 21.0146

Details

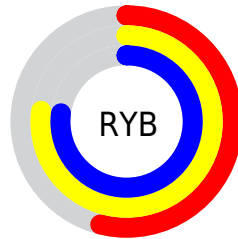
The CIELCh color $74, 38.826, 142.350$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $65, 38.821, 326.059$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 38.722, 142.400$, and $54, 38.665, 142.427$ is the 20% darker color. If you saturate the color by 10%, you get $73, 51.392, 141.416$, and if you desaturate by 10%, it is $76, 25.936, 143.164$.

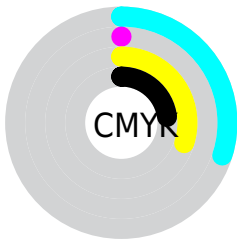
Distribution



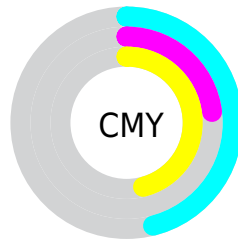
- Red (54%)
- Green (77%)
- Blue (54%)



- Red (54%)
- Yellow (77%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)




- Cyan (46%)
- Magenta (23%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 38.826, 142.350 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, 38.826, 142.350 by changing the saturation by 10% instead.


 74, 38.826,
142.350


 74, 38.826,
142.350


 100, 38.826,
142.350


 64, 38.826,
142.350


 94, 38.826,
142.350

 54, 38.826,
142.350

 44, 38.826,
142.350

 34, 38.826,
142.350

 24, 38.826,
142.350

 14, 38.826,
142.350

 4, 38.826, 142.350

■ 0, 38.826, 142.350

■ 74, 38.826,
142.350

■ 74, 38.826,
142.350

■ 73, 51.392,
141.416

■ 76, 25.936,
143.164

■ 72, 63.312,
140.370

■ 77, 12.964,
143.867

■ 71, 74.192,
139.248

■ 79, 0.095, 147.112

■ 70, 83.558,
138.128

■ 81, 12.543,
324.913

■ 70, 90.893,
137.137

■ 84, 24.864,
325.344

■ 69, 95.749,
136.418

■ 86, 36.817,
325.703

■ 69, 98.325,
136.016

■ 86, 36.890,
325.706

Harmonies

Complementary

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



74, 38.826, 142.350



65, 38.821, 326.059

Rectangle

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



74, 38.826, 142.350



74, 38.826, 192.350



74, 38.826, 322.350



74, 38.826, 12.350

Sweetspot

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



74, 38.827, 142.350



98, 14.310, 143.929



78, 30.635, 106.574



52, 9.954, 143.832



0, 0.000, 0.000



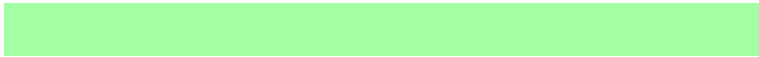
53, 0.007, 296.813

Same Dimension

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



74, 38.827, 142.350



93, 57.288, 141.758



75, 27.112, 160.015



40, 7.215, 143.914



57, 84.787, 136.016



10, 24.260, 144.095

Inverse Universe

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



65, 38.821, 326.059



79, 57.219, 326.392



64, 28.045, 345.493



38, 7.226, 324.929



38, 81.806, 328.231



4, 24.213, 326.357

Previews

White Background



This preview shows how the CIELCh color 74, 38.826, 142.350 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 74, 38.826, 142.350 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, 38.826, 142.350

Background



This preview shows how black text looks on a background with the CIELCh color 74, 38.826, 142.350.

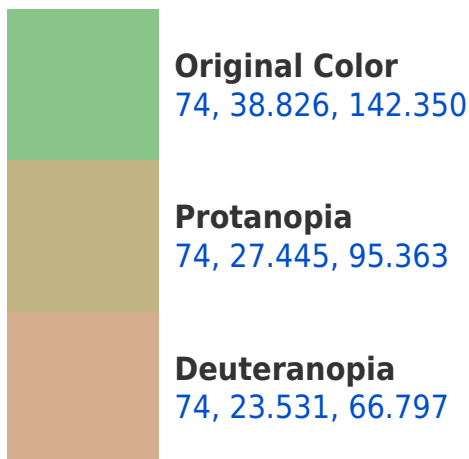


This preview shows how white text looks on a background with the CIELCh color 74, 38.826, 142.350.

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, 15.203, 231.047

Trichromacy



Original Color
74, 38.826, 142.350

Protanomaly
74, 29.281, 117.727

Deuteranomaly
73, 22.579, 104.891

Tritanomaly
74, 17.726, 176.460

Monochromacy



Original Color
74, 38.826, 142.350

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 14.657, 143.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 38.826, 142.350 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(137, 196, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 196, 137)  
}
```

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(137, 196, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 196, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 38.826, 142.350 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(137, 196, 137) }
```

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

```
.border{ border-color:rgb(137, 196, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 196, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 196, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 196, 137); box-shadow:4px 4px 4px 4px rgb(137, 196, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 38.826, 142.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 196, 137) }
```

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

```
.background{ background-color: rgb(137,  
196, 137) }
```

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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