

Converting Colors

CIELCh(74, 43.288, 142.059)

Have a look what the booklet for
CIELCh(74, 43.288, 142.059)
contains.

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Color

CIELCh(74, 43.287, 142.059)

Conversions

Conversions Part 1

Format	Color
Hex	84C684
RGB	132, 198, 132
RGB Percent	52%, 78%, 52%
CMY	0.4841, 0.2253, 0.4840
CMYK	0.33, 0.00, 0.33, 0.23
HSL	120°, 36%, 65%
HSV	120°, 33%, 77%
XYZ	33.6726, 46.7039, 28.9175
YIQ	170.7420, -18.1500, -34.5180

Conversions

Conversions Part 2

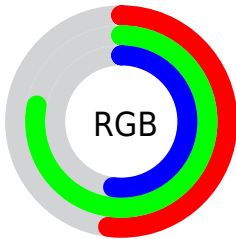
Format	Color
RYB	132, 198, 198
Decimal	8701572
CIELab	74.00, -34.14, 26.61
CIELCh	74, 43.287, 142.059
Yxy	46.7039, 0.3081, 0.4273
Android (android.graphics.Color)	4286891652 (0xFF84C684)
YUV	170.7420, -19.0998, -33.9767
Hunter-Lab	68.3403, -31.6452, 22.7502

Details

The CIELCh color **74, 43.287, 142.059** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 43.260, 326.240**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 43.041, 142.230**, and **54, 43.427, 142.214** is the 20% darker color. If you saturate the color by 10%, you get **73, 55.745, 141.085**, and if you desaturate by 10%, it is **75, 30.404, 142.913**.

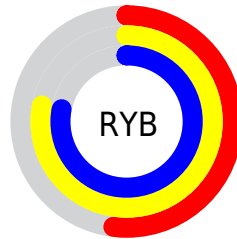
Distribution



Red (52%)

Green (78%)

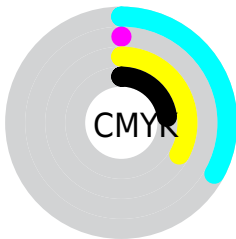
Blue (52%)



Red (52%)

Yellow (78%)

Blue (78%)

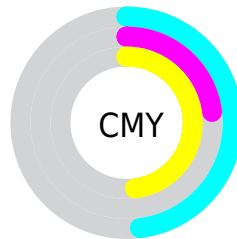


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (23%)



Cyan (48%)


Magenta (23%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 43.287, 142.059 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, 43.287, 142.059 by changing the saturation by 10% instead.


 74, 43.287,
142.059


 74, 43.287,
142.059


 100, 43.287,
142.059


 64, 43.287,
142.059


 94, 43.287,
142.059

 54, 43.287,
142.059

 44, 43.287,
142.059

 34, 43.287,
142.059

 24, 43.287,
142.059

 14, 43.287,
142.059

 4, 43.287, 142.059

■ 0, 43.287, 142.059

■ 74, 43.287,
142.059

■ 74, 43.287,
142.059

■ 73, 55.745,
141.085

■ 75, 30.404,
142.913

■ 72, 67.430,
140.007

■ 77, 17.365,
143.651

■ 71, 77.917,
138.873

■ 79, 4.374, 144.317

■ 70, 86.710,
137.779

■ 81, 8.422, 324.755

■ 70, 93.292,
136.862

■ 83, 20.924,
325.218

■ 70, 97.286,
136.260

■ 86, 33.069,
325.599

■ 86, 36.035,

■ 70, 98.831,
136.018

325.677

Harmonies

Complementary

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



74, 43.287, 142.059



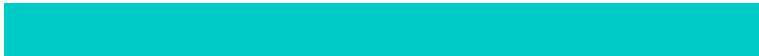
64, 43.260, 326.240

Rectangle

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



74, 43.287, 142.059



74, 43.287, 192.059



74, 43.287, 322.059



74, 43.287, 12.059

Sweetspot

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



74, 43.288, 142.059



98, 15.909, 143.870



78, 34.657, 106.971



52, 10.864, 143.775



0, 0.000, 0.000



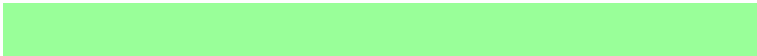
53, 0.007, 296.813

Same Dimension

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



74, 43.288, 142.059



92, 63.411, 141.369



75, 29.792, 160.501



41, 7.370, 143.920



58, 85.771, 136.018



11, 26.594, 143.595

Inverse Universe

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



64, 43.260, 326.240



77, 63.276, 326.601



63, 31.025, 346.811



39, 7.381, 324.939



39, 82.744, 328.242



4, 26.736, 327.034

Previews

White Background



This preview shows how the CIELCh color 74, 43.287, 142.059 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, 43.287, 142.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

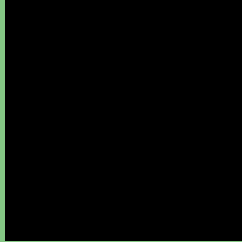
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 43.287, 142.059

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.287, 142.059.

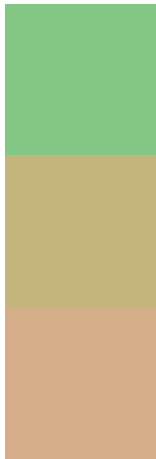


This preview shows how white text looks on a background with the CIELCh color 74, 43.287, 142.059.

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, 43.287, 142.059

Protanopia
74, 30.637, 95.434

Deuteranopia
74, 25.970, 69.613



Tritanopia
74, 16.514, 228.086

Trichromacy



Original Color
74, 43.287, 142.059

Protanomaly
74, 32.432, 117.216

Deuteranomaly
73, 25.704, 107.667

Tritanomaly
74, 20.023, 175.534

Monochromacy



Original Color
74, 43.287, 142.059

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 16.016, 143.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.287, 142.059 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(132, 198, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 198, 132)  
}
```

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(132, 198, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 198, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.287, 142.059 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(132, 198, 132) }
```

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

```
.border{ border-color:rgb(132, 198, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 198, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 198, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 198, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 198,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.287, 142.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 198, 132) }
```

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

```
.background{ background-color: rgb(132,  
198, 132) }
```

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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