

Converting Colors

CIE LCh(74, 32.105, 125.201)

Have a look what the booklet for
CIELCh(74, 32.105, 125.201)
contains.

CIELCh(74, 31.854, 124.790)	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, 31.854, 124.790)

Conversions

Conversions Part 1

Format	Color
Hex	A6BE85
RGB	166, 190, 133
RGB Percent	65%, 75%, 52%
CMY	0.3485, 0.2544, 0.4779
CMYK	0.13, 0.00, 0.30, 0.25
HSL	85°, 31%, 63%
HSV	85°, 30%, 75%
XYZ	38.4392, 46.7039, 29.2256
YIQ	176.3260, 3.9930, -22.8150

Conversions

Conversions Part 2

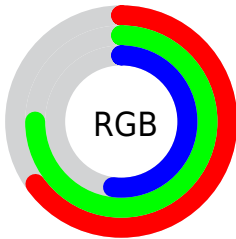
Format	Color
RYB	133, 190, 157
Decimal	10927749
CIELab	74.00, -18.17, 26.16
CIELCh	74, 31.854, 124.790
Yxy	46.7039, 0.3361, 0.4084
Android (android.graphics.Color)	4289117829 (0xFFA6BE85)
YUV	176.3260, -21.3597, -9.0559
Hunter-Lab	68.3403, -19.1950, 22.4829

Details

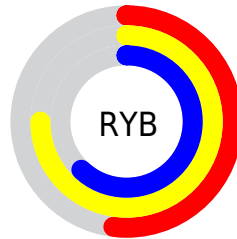
The CIELCh color **74, 31.854, 124.790** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 33.462, 307.889**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.377, 124.540**, and **54, 32.066, 125.254** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.210, 124.300**, and if you desaturate by 10%, it is **75, 21.293, 125.299**.

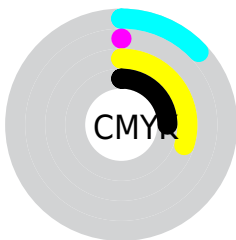
Distribution



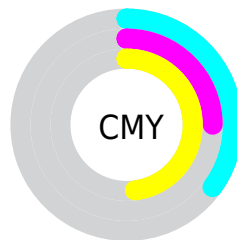
- Red (65%)
- Green (75%)
- Blue (52%)



- Red (52%)
- Yellow (75%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 31.854, 124.790 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, 31.854, 124.790 by changing the saturation by 10% instead.


 74, 31.854,
124.790


 74, 31.854,
124.790


 100, 31.854,
124.790


 64, 31.854,
124.790


 94, 31.854,
124.790

 54, 31.854,
124.790

 44, 31.854,
124.790

 34, 31.854,
124.790

 24, 31.854,
124.790

 14, 31.854,
124.790

 4, 31.854, 124.790

0, 31.854, 124.790

74, 31.854,
124.790

74, 31.854,
124.790

73, 42.210,
124.300

75, 21.293,
125.299

72, 52.185,
123.861

76, 10.638,
125.800

72, 61.531,
123.534

77, 0.027, 303.062

71, 69.897,
123.405

78, 10.646,
306.702

71, 76.840,
123.589

79, 21.178,
307.117

70, 81.927,
124.205

81, 31.593,
307.494

■ 70, 85.259,
125.221

■ 82, 36.225,
310.097

■ 70, 85.265,
125.223

■ 82, 37.054,
314.175

■ 83, 38.053,
318.116

Harmonies

Complementary

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



74, 31.854, 124.790



60, 33.462, 307.889

Rectangle

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



74, 31.854, 124.790



74, 31.854, 174.790



74, 31.854, 304.790



74, 31.854, 354.790

Sweetspot

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



74, 31.856, 124.792



96, 11.873, 125.841



67, 19.179, 62.745



52, 8.320, 125.768



99, 0.012, 296.813



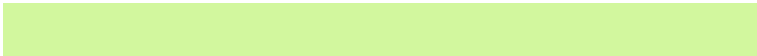
52, 0.007, 296.813

Same Dimension

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



74, 31.856, 124.792



93, 47.181, 124.464



72, 36.738, 140.346



39, 6.001, 125.831



59, 74.237, 124.995



10, 18.675, 130.306

Inverse Universe

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



60, 33.462, 307.889



72, 50.176, 308.305



62, 36.915, 323.639



37, 6.096, 306.711



22, 88.645, 310.383



2, 17.875, 302.404

Previews

White Background



This preview shows how the CIELCh color 74, 31.854, 124.790 looks on a white background.

Color Contrast Check

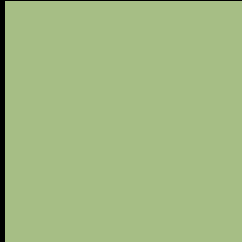
Large Text (above 18pt) WCAG AA × Fail

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, 31.854, 124.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

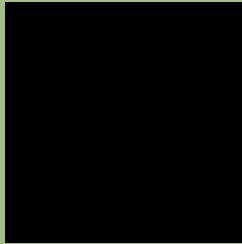
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 31.854, 124.790

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.854, 124.790.

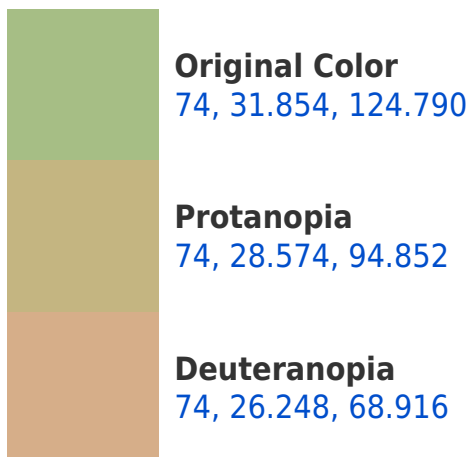


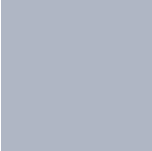
This preview shows how white text looks on a background with the CIELCh color 74, 31.854, 124.790.

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](#).

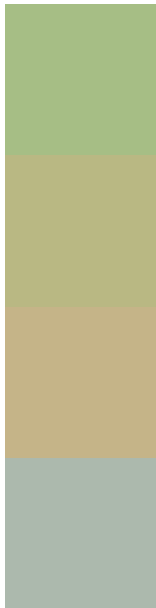
Dichromacy





Tritanopia
74, 7.935, 272.559

Trichromacy



Original Color
74, 31.854, 124.790

Protanomaly
74, 28.309, 106.592

Deuteranomaly
74, 24.695, 91.406

Tritanomaly
74, 8.153, 146.203

Monochromacy



Original Color
74, 31.854, 124.790

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 11.898, 125.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.854, 124.790 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(166, 190, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 133)  
}
```

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(166, 190, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.854, 124.790 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(166, 190, 133) }
```

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

```
.border{ border-color:rgb(166, 190, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 190, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 190, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 190, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 190,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.854, 124.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 190, 133) }
```

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

```
.background{ background-color: rgb(166,  
190, 133) }
```

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