

Converting Colors

CIELCh(74, 19.821, 147.327)

Have a look what the booklet for
CIELCh(74, 19.821, 147.327)
contains.

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Color

CIELCh(74, 19.648, 147.751)

Conversions

Conversions Part 1

Format	Color
Hex	9DBEA2
RGB	157, 190, 162
RGB Percent	62%, 75%, 64%
CMY	0.3836, 0.2542, 0.3640
CMYK	0.17, 0.00, 0.15, 0.25
HSL	129°, 20%, 68%
HSV	129°, 17%, 75%
XYZ	38.9271, 46.7039, 41.2259
YIQ	176.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

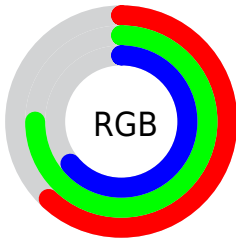
Format	Color
RYB	157, 186, 190
Decimal	10337954
CIELab	74.00, -16.62, 10.48
CIELCh	74, 19.648, 147.751
Yxy	46.7039, 0.3069, 0.3682
Android (android.graphics.Color)	4288528034 (0xFF9DBEA2)
YUV	176.9410, -7.3659, -17.4883
Hunter-Lab	68.3403, -17.9206, 12.0719

Details

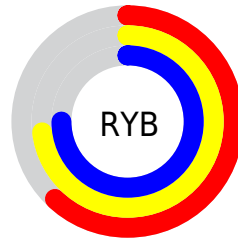
The CIELCh color **74, 19.648, 147.751** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 19.701, 329.916**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 19.322, 147.858**, and **54, 20.188, 147.474** is the 20% darker color. If you saturate the color by 10%, you get **72, 31.002, 146.928**, and if you desaturate by 10%, it is **76, 8.283, 148.473**.

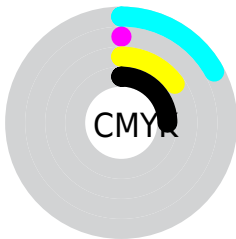
Distribution



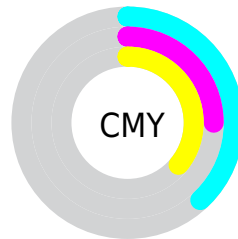
- Red (62%)
- Green (75%)
- Blue (64%)



- Red (62%)
- Yellow (73%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (38%)
- Magenta (25%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 19.648, 147.751 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, 19.648, 147.751 by changing the saturation by 10% instead.


 74, 19.648,
147.751


 74, 19.648,
147.751


 100, 19.648,
147.751


 64, 19.648,
147.751


 94, 19.648,
147.751

 54, 19.648,
147.751

 44, 19.648,
147.751

 34, 19.648,
147.751

 24, 19.648,
147.751

 14, 19.648,
147.751

 4, 19.648, 147.751

0, 19.648, 147.751

74, 19.648,
147.751

74, 19.648,
147.751

72, 31.002,
146.928

76, 8.283, 148.473

71, 42.166,
145.976

78, 2.964, 328.945

70, 52.926,
144.879

80, 13.997,
329.541

69, 63.031,
143.632

82, 24.749,
330.000

68, 72.205,
142.250

84, 35.183,
330.395

68, 80.164,
140.772

85, 40.643,
325.834

■ 68, 86.634,
139.279

■ 67, 91.410,
137.905

■ 67, 92.422,
137.617

Harmonies

Complementary

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



74, 19.648, 147.751



68, 19.701, 329.916

Rectangle

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



74, 19.648, 147.751



74, 19.648, 197.751



74, 19.648, 327.751



74, 19.648, 17.751

Sweetspot

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



74, 19.650, 147.751



96, 6.956, 148.633



76, 17.746, 114.776



52, 4.788, 148.582



99, 0.012, 296.813



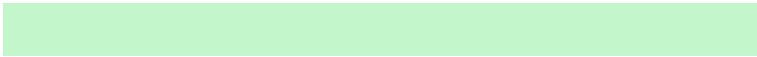
52, 0.007, 296.813

Same Dimension

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



74, 19.650, 147.751



93, 29.461, 147.437



74, 13.607, 171.002



39, 6.350, 148.334



57, 80.227, 137.817



9, 20.137, 147.368

Inverse Universe

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



68, 19.701, 329.916



85, 29.540, 330.164



68, 14.178, 354.254



37, 6.366, 329.418



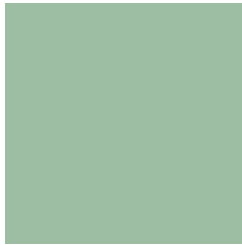
36, 71.919, 335.247



3, 18.495, 331.670

Previews

White Background



This preview shows how the CIELCh color 74, 19.648, 147.751 looks on a white background.

Color Contrast Check

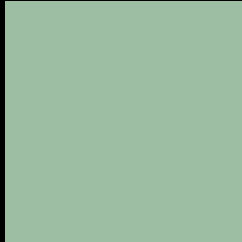
Large Text (above 18pt) WCAG AA × Fail

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, 19.648, 147.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

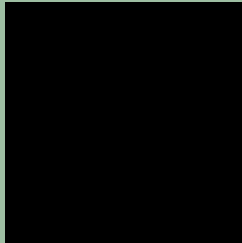
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 19.648, 147.751

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.648, 147.751.

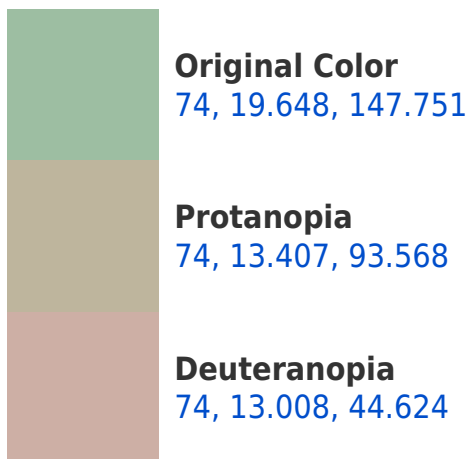


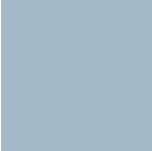
This preview shows how white text looks on a background with the CIELCh color 74, 19.648, 147.751.

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, 10.768, 248.190

Trichromacy



Original Color
74, 19.648, 147.751

Protanomaly
74, 13.671, 118.678

Deuteranomaly
74, 9.552, 92.751

Tritanomaly
74, 9.002, 195.283

Monochromacy



Original Color
74, 19.648, 147.751

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 7.082, 149.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.648, 147.751 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(157, 190, 162)` looks like.

```
.text, #text, p{  
    color:rgb(157, 190, 162)  
}
```

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(157, 190, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 190, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.648, 147.751 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(157, 190, 162) }
```

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

```
.border{ border-color:rgb(157, 190, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 190, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 190, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 190, 162); box-shadow:4px 4px 4px 4px rgb(157, 190, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.648, 147.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 190, 162) }
```

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

```
.background{ background-color: rgb(157,  
190, 162) }
```

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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