

Converting Colors

CIELCh(74, 21.896, 146.556)

Have a look what the booklet for
CIELCh(74, 21.896, 146.556)
contains.

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Color

CIELCh(74, 22.050, 146.382)

Conversions

Conversions Part 1

Format	Color
Hex	9BBF9F
RGB	155, 191, 159
RGB Percent	61%, 75%, 62%
CMY	0.3924, 0.2512, 0.3767
CMYK	0.19, 0.00, 0.17, 0.25
HSL	127°, 22%, 68%
HSV	127°, 19%, 75%
XYZ	38.3809, 46.7039, 39.7698
YIQ	176.5880, -11.1840, -17.5840

Conversions

Conversions Part 2

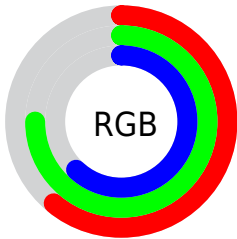
Format	Color
RYB	155, 187, 191
Decimal	10207135
CIELab	74.00, -18.36, 12.21
CIELCh	74, 22.050, 146.382
Yxy	46.7039, 0.3074, 0.3741
Android (android.graphics.Color)	4288397215 (0xFF9BBF9F)
YUV	176.5880, -8.6709, -18.9327
Hunter-Lab	68.3403, -19.3474, 13.3351

Details

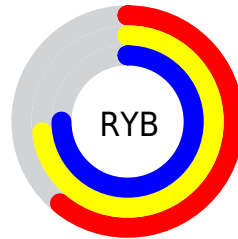
The CIELCh color **74, 22.050, 146.382** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 22.093, 328.696**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.612, 146.563**, and **54, 21.593, 147.063** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.759, 145.555**, and if you desaturate by 10%, it is **76, 10.305, 147.101**.

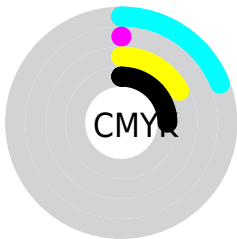
Distribution



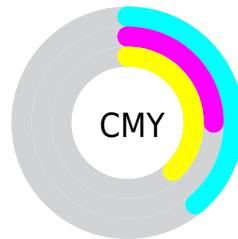
- Red (61%)
- Green (75%)
- Blue (62%)



- Red (61%)
- Yellow (73%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (39%)
- Magenta (25%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 22.050, 146.382 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, 22.050, 146.382 by changing the saturation by 10% instead.

 74, 22.050,
146.382

 74, 22.050,
146.382


 100, 22.050,
146.382


 64, 22.050,
146.382


 94, 22.050,
146.382

 54, 22.050,
146.382

 44, 22.050,
146.382

 34, 22.050,
146.382

 24, 22.050,
146.382

 14, 22.050,
146.382

 4, 22.050, 146.382

0, 22.050, 146.382

74, 22.050,
146.382

74, 22.050,
146.382

73, 33.759,
145.555

76, 10.305,
147.101

71, 45.236,
144.598

78, 1.332, 327.470

70, 56.243,
143.500

80, 12.756,
328.171

69, 66.497,
142.267

82, 23.895,
328.625

69, 75.684,
140.925

84, 34.705,
329.012

68, 83.471,
139.539

85, 40.162,
325.818

■ 68, 89.533,
138.210

■ 68, 93.672,
137.111

■ 67, 94.039,
137.022

Harmonies

Complementary

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



74, 22.050, 146.382



68, 22.093, 328.696

Rectangle

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



74, 22.050, 146.382



74, 22.050, 196.382



74, 22.050, 326.382



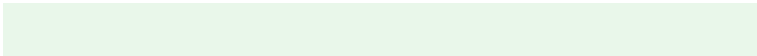
74, 22.050, 16.382

Sweetspot

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



74, 22.052, 146.382



96, 8.598, 147.289



76, 19.259, 112.584



51, 5.753, 147.244



99, 0.012, 296.813



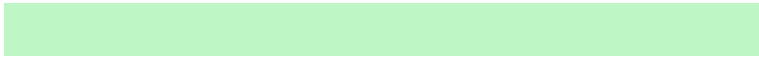
52, 0.007, 296.813

Same Dimension

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



74, 22.052, 146.382



92, 33.217, 146.024



74, 15.338, 167.701



39, 6.535, 147.067



57, 81.447, 137.189



9, 20.542, 146.532

Inverse Universe

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



68, 22.093, 328.696



84, 33.275, 328.965



68, 15.911, 351.188



37, 6.549, 328.126



36, 74.178, 333.151



3, 19.256, 329.767

Previews

White Background



This preview shows how the CIELCh color 74, 22.050, 146.382 looks on a white background.

Color Contrast Check

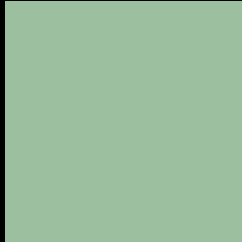
Large Text (above 18pt) WCAG AA × Fail

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, 22.050, 146.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

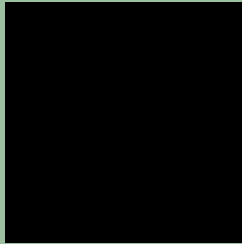
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 22.050, 146.382

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.050, 146.382.

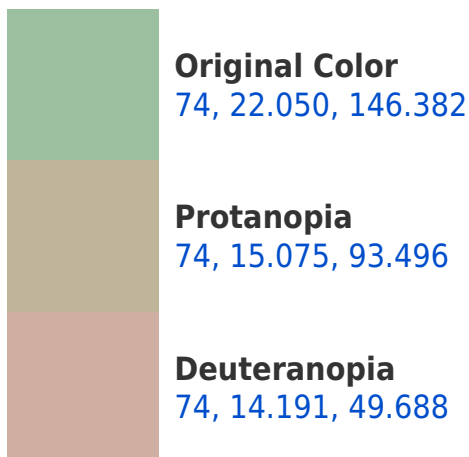


This preview shows how white text looks on a background with the CIELCh color 74, 22.050, 146.382.

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, 11.217, 245.585

Trichromacy



Original Color
74, 22.050, 146.382

Protanomaly
74, 15.840, 118.599

Deuteranomaly
74, 11.028, 96.867

Tritanomaly
74, 10.112, 192.473

Monochromacy



Original Color
74, 22.050, 146.382

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 8.178, 146.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.050, 146.382 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(155, 191, 159)` looks like.

```
.text, #text, p{  
    color:rgb(155, 191, 159)  
}
```

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(155, 191, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 191, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.050, 146.382 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(155, 191, 159) }
```

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

```
.border{ border-color:rgb(155, 191, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 191, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 191, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 191, 159);  
box-shadow:4px 4px 4px 4px rgb(155, 191,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.050, 146.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 191, 159) }
```

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

```
.background{ background-color: rgb(155,  
191, 159) }
```

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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